Access DB# 126563

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Shafiul Alam Fiahee   Examiner # : 79796   Date: 7-7-04
Art Unit: 2645   Phone Number 30 5-4822   Serial Number: 10 015280
Location: PK2 8C12   Results Format Preferred (circle): PAPER   DISK   E-MAIL

If more than one search is submitted, please prioritize searches in order of need.
****

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____ 12-12-2001 _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate related topic information below.

```
Search topic: A method for identifying a particular callee, said
method comprising: detecting, at a destination device, a voice
utterance of a callee; and identifying, at said destination device, a
callee identity associated with said voice utterance, such that said
callee identity is transmittable as an authenticated identity of said
callee for a call

Search criteria: (determin$5 or detect$5 or recogni$4) with (id or
identification or identify$5 or identity) with (speech or voice or
utterance) with ('called party' or callee or 'answering party')
```

IBM

****

STAFF USE ONLY	Type of Search	Vendors and cost where applicable
Searcher: Pamela Reynolds	NA Sequence (#) _____	STN _____
Searcher Phone #: 306-0255	AA Sequence (#) _____	Dialog _____
Searcher Location: PK2 3C03	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: 7-7-04 @30	Bibliographic ✓	Dr.Link _____
Date Completed: 7-8-04 9:00	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: 105	Fulltext ✓	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet ✓
Online Time: 1.1	Other _____	Other (specify) IEEE IBM TDBs
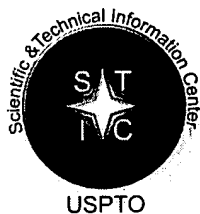
STIC Search Report
EIC 2600

USPTO

TO: M Elahee
Location: PK2 8C12
Art Unit: 2645
Thursday, July 08, 2004

Case Serial Number: 10/015280

From: Pamela Reynolds
Location: EIC 2600
PK2-3C03
Phone: 306-0255

Pamela.Reynolds@uspto.gov

Search Notes

Dear M Elahee,

Please find attached the search results for 10/015280. I used the search strategy I emailed to you to edit, which you did. I searched the standard Dialog files, IBM TDBs, IEEE,, and the internet.

If you would like a re-focus please let me know.

Thank you.

Pamela Reynolds

sira
Search and Information
Resources Administration

```
File    9:Business & Industry(R)  Jul/1994-2004/Jul 07
          (c) 2004   The Gale Group
File   15:ABI/Inform(R) 1971-2004/Jun 27
          (c) 2004 ProQuest Info&Learning
File   16:Gale Group PROMT(R) 1990-2004/Jul 06
          (c) 2004 The Gale Group
File   20:Dialog Global Reporter 1997-2004/Jul 08
          (c) 2004 The Dialog Corp.
File   47:Gale Group Magazine DB(TM) 1959-2004/Jul 01
          (c) 2004 The Gale group
File   75:TGG Management Contents(R) 86-2004/Jun W4
          (c) 2004 The Gale Group
File   80:TGG Aerospace/Def.Mkts(R) 1986-2004/Jul 06
          (c) 2004 The Gale Group
File   88:Gale Group Business A.R.T.S. 1976-2004/Jul 07
          (c) 2004 The Gale Group
File   98:General Sci Abs/Full-Text 1984-2004/Jun
          (c) 2004 The HW Wilson Co.
File  112:UBM Industry News 1998-2004/Jan 27
          (c) 2004 United Business Media
File  141:Readers Guide 1983-2004/Jun
          (c) 2004 The HW Wilson Co
File  148:Gale Group Trade & Industry DB 1976-2004/Jul 05
          (c)2004 The Gale Group
File  160:Gale Group PROMT(R) 1972-1989
          (c) 1999 The Gale Group
File  275:Gale Group Computer DB(TM) 1983-2004/Jul 06
          (c) 2004 The Gale Group
File  264:DIALOG Defense Newsletters 1989-2004/Jul 06
          (c) 2004 The Dialog Corp.
File  484:Periodical Abs Plustext 1986-2004/Jun W3
          (c) 2004 ProQuest
File  553:Wilson Bus. Abs. FullText 1982-2004/Jun
          (c) 2004 The HW Wilson Co
File  570:Gale Group MARS(R) 1984-2004/Jul 06
          (c) 2004 The Gale Group
File  608:KR/T Bus.News. 1992-2004/Jul 08
          (c)2004 Knight Ridder/Tribune Bus News
File  620:EIU:Viewswire 2004/Jul 07
          (c) 2004 Economist Intelligence Unit
File  613:PR Newswire 1999-2004/Jul 05
          (c) 2004 PR Newswire Association Inc
File  621:Gale Group New Prod.Annou.(R) 1985-2004/Jul 05
          (c) 2004 The Gale Group
File  623:Business Week 1985-2004/Jun 24
          (c) 2004 The McGraw-Hill Companies Inc
File  624:McGraw-Hill Publications 1985-2004/Jun 24
          (c) 2004 McGraw-Hill Co. Inc
File  634:San Jose Mercury  Jun 1985-2004/Jul 07
          (c) 2004 San Jose Mercury News
File  635:Business Dateline(R) 1985-2004/Jun 25
          (c) 2004 ProQuest Info&Learning
File  636:Gale Group Newsletter DB(TM) 1987-2004/Jul 06
          (c) 2004 The Gale Group
File  647:CMP  Computer Fulltext 1988-2004/Jun W4
          (c) 2004 CMP Media, LLC
File  696:DIALOG Telecom. Newsletters 1995-2004/Jul 06
          (c) 2004 The Dialog Corp.
File  674:Computer News Fulltext 1989-2004/Jun W2
          (c) 2004 IDG Communications
File  810:Business Wire 1986-1999/Feb 28
```

```
Set       Items     Description
S1      3665680     SPEECH OR VOICE OR UTTERANCE OR VERBAL
S2       181790     S1(3N)(RECOG? OR DETECT? OR DETERMIN? OR EVALUAT? OR ASSES?
                      OR ANAL?)
S3          381     CALLEE
S4        58200     CALLED(3N)(PARTY OR PERSON OR INDIVIDUAL)
S5         3022     ANSWERING(3N)(PARTY OR PERSON OR INDIVIDUAL)
S6         1465     S2(3N)(ASSOCIAT? OR MATCH? OR ASSOCIAT? OR CORRELAT? OR CO-
                      RRESPOND?)
S7       908280     (IDENTIF? OR AUTHENT? OR APPROV? OR AUTHOR? OR ACCEPT? OR -
                      VALIDAT? OR CONFIRM? OR VERIF? OR RECOGN?)(3N)(ID OR IDENTIFI-
                      ER? OR IDENTIFICATION OR IDENTITY)
S8         1586     DESTINATION(3N)DEVICE?
S9         5398     THIRD()PARTY(3N)DEVICE?
S10       39298     (ACCEPT? OR REJECT? OR TERMINAT?)(3N)(CALL OR CONNECTION)
S11       12952     VID OR VOICE()IDENTIFIER? OR RVID OR REVERSE()VOICE()IDENT-
                      IFIER??
S12       10369     AU=(BROWN, M? OR MCINTYRE, J? OR PAOLINI, M? OR WEAVER, J?
                      OR WINTERS, S? OR BROWN M? OR MCINTYRE J? OR PAOLINI M? OR WE-
                      AVER J? OR WINTERS S?)
S13     9478523     PHONE? OR TELEPHONE? OR FAX OR FACSIMILE OR MODEM
S14      290801     (COMMUNICATION OR NETWORK? OR TELEPHON?)(3N)DEVICE?
S15         178     S3(S)(S8 OR S9 OR S13 OR S14)
S16           8     S15(S)S2
S17           4     RD S16 (unique items)
S18           8     S3(S)S2
S19           0     S18 NOT S16
S20           2     S2(S)(S4 OR S5)(S)(S7 OR S11)
S21           2     S20 NOT S8
S22           2     RD S21 (unique items)
S23         257     (S4 OR S5)(S)S10
S24           0     S23(S)S3
S25           0     S23(S)S11
S26          40     S12 AND S2
S27           0     S26(S)S7
S28           0     S26(S)S11
S29           2     S26(S)BIOMETRIC?
S30           2     S29 NOT (S16 OR S20)
S31           1     RD S30 (unique items)
S32         178     S3(S)(S8 OR S9 OR S13 OR S14)
S33           6     S32(S)S7
S34           6     S33 NOT (S29 OR S16 OR S20)
S35           3     RD S34 (unique items)
```

17/3,K/1   **(Item 1 from file: 16)**
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

04955068   Supplier Number: 47281486   (USE FORMAT 7 FOR FULLTEXT)
APEX Voice Communications announces release 6.1 of OmniVox for UNIX.
Business Wire, p04081115
April 8, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 763

...   include other capabilities including SIT for special intercept tone
detected (such as a CO recording), **fax / modem** detection, busy/ring/no
answer detection, connect based on cadence, loop current change, **detection**
 of **voice** or answering machine and ANI -- used only in ISDN and Global
Call systems to pass the originating **telephone** number on to the
destination **callee** .
    Other Enhancements
    To improve the application's ability to "speak" a wide variety of
numerical...

17/3,K/2   **(Item 2 from file: 16)**
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

04481521   Supplier Number: 46578894   (USE FORMAT 7 FOR FULLTEXT)
Telecom YoYo To Screen Human Yo-Yos
Electronic News (1991), p001
July 29, 1996
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1287

...   According to Paul Saffo, a director at the Institute for the Future
in Menlo Park, **voice**   **recognition** --the ability of a device to call out
and interact with the caller--will be...

...He noted Wildfire as one example. Wildfire is a ferociously expensive
"electronic assistant" that uses **speech**   **recognition** to interact with
both the caller and the **callee** . Wildfire understands spoken commands, and
in a friendly master/slave-like manner quickly responds to commands that
tell it to take messages and find the **callee** . Wildfire also puts through
conference calls, and it goes as far as whispering in its master's ear that
a call is waiting, while the **callee** is engaged in another **telephone**
conversation.
    Wildfire isn't for everyone. It is designed for people who are
frequently away...

17/3,K/3   **(Item 1 from file: 148)**
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

08888039   SUPPLIER NUMBER: 18549433
Telecom YoYo to screen human Yo-Yos. (Big Island Communications Inc's
  computer telephony device) (Company Financial Information)
Bournellis, Cynthia
Electronic News (1991), v42, n2127, p1(2)

...   expensive "electronic assistant" that uses speech recognition to interact with both the caller and the **callee** . Wildfire understands spoken commands, and in a friendly master/slave-like manner quickly responds to commands that tell it to take messages and find the **callee** . Wildfire also puts through conference calls, and it goes as far as whispering in its master's ear that a call is waiting, while the **callee** is engaged in another **telephone** conversation.
        Wildfire isn't for everyone. It is designed for people who are frequently away...

 17/3,K/4   (Item 1 from file: 275)

New 'virtual assistant' not for low budget. (General Magic's Portico
** service manages phone calls, appointments, voice main and E-mail)**
** (Company Business and Marketing)**

ABSTRACT: General Magic's Portico service manages **phone** calls, voice mail, e-mail and appointments. The 'virtual' service can also search for specified information, such as stock quotes, and requires nothing more than a **telephone** . The service is expensive and targets mobile executives with large expense accounts, or other customers that can afford several hundreds of dollars per month. The service employs near-perfect **voice   recognition** technology. Each user is assigned a toll-free number which is then used as the customer's basic **phone** number. Callers will encounter a voice-mail message asking their name and whether they want to leave a message or have the service attempt to locate the **callee** . Subscribers can designate a **phone** number for receiving calls through the service and can change this number as they change...
?

22/3,K/1   (Item 1 from file: 15)

01162313 98-11708
Reinforcing our moral vision: Examining the relationship between unethical behaviour and computer crime
Cardinali, Richard
Work Study v44n8 PP: 11-17 Nov/Dec 1995
ISSN: 0043-8022 JRNL CODE: WST
WORD COUNT: 5522

...TEXT: and procedures for handling this type of situation. One simple procedure is to have the **person   answering** the phone call the supervisor and ask the supervisor to **verify** the **identity** of the caller. The supervisor, **recognizing** the subordinate's **voice** , gets in touch with the systems department who calls the person back to **verify** the **identity** of the caller. If the hacker called the systems supervisor directly with no call back...

22/3,K/2   (Item 1 from file: 620)

3106524
India regulations: Privacy laws - big brother's watching
COUNTRY: INDIA
JOURNAL: EIU ViewsWire - March 28, 2002
WORD COUNT: 4884

...whole population from undertaking some kinds of activity. Two separate classes of surveillance are usefully **identified** :

Human **Identification**

 Identification is a process whereby a real-world entity is **recognised** , and its ' **identity** ' established. Identity is operationalised in the abstract world of information systems as a set of...

...set of information may be as small as a single code, specifically designed as an **identifier** , or may be a compound of such data as given and family name, date-of-birth and postcode of residence. Important examples of these techniques are, names -or what the **person** is **called** by other people; codes - or what the **person** is **called** by an organisation; knowledge - or what the person knows; tokens - or what the person has; biometrics - the term 'biometrics' is used to refer to those person-**identification** techniques that are based on some physical and difficult-to-alienate characteristic, such as appearance...

...speech; bio-dynamics e.g. the manner in which one's signature is written; statistically- **analysed   voice** characteristics; keystroke dynamics, natural physiography - e.g. skull measurements; teeth and skeletal injuries; thumbprint, fingerprint...
?

31/3,K/1   (Item 1 from file: 15)

Secure alliances
McIntyre, Jeff

...TEXT: investing in reinvention by spending on security.

Witness the global surge of interest in emerging **biometric** security
solutions-automated techniques that verify and identify people by physical
and behavioral characteristics such as fingerprint, **voice** , signature and
retina **recognition** and secure formatting software. Almost daily, a new
application is announced by some as-yetunknown security vendor in areas
such as **voice** · authentication, wireless face **recognition** and digital
signatures. A clear pattern of collaboration is emerging among major
high-tech players...
?

35/3,K/1   (Item 1 from file: 15)
DIALOG(R)File   15:ABI/Inform(R)

02551947 316367401
SIP goes mobile
Bell, Peter
Telecommunications International v37n2 PP: 22-24 Feb 2003
ISSN: 1534-9594 JRNL CODE: TIE
WORD COUNT: 1849

...TEXT: as instant messaging, gaming, or videoconferencing. The protocol
supports applications such as caller and callee **identification** and call
authorisation .

SIP is now being used more and . more in the mobile industry to bring
services...

35/3,K/2   (Item 1 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

05430286   Supplier Number: 48235222   (USE FORMAT 7 FOR FULLTEXT)
Intra-Dragnet Snares Drug Traffickers
Mullich, Joe
PC Week, p035
Jan 19, 1998
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 1143

...   in Knoxville developed an application called "link analysis" that
allows officers to encode information from **phone** taps, such as the
identification of caller and **callee** and the nature of their
relationship. Investigators can analyze thousands of **telephone** calls to
reveal two criminals associating with one another; this helps officials
connect smaller, apparently...

35/3,K/3   (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext

03127079   (USE FORMAT 7 OR 9 FOR FULLTEXT)
**When I call you up and you're not there: Application of communication
  accommodation theory to telephone answering machine messages**
Buzzanell, Patrice M; Burrell, Nancy A; Stafford, R Shane; Berkowitz,
Sandra
Western Journal of Communication (IWJC), v60 n4, p310-336, p.27
 Fall 1996
 ISSN: 1057-0314   JOURNAL CODE: IWJC
 DOCUMENT TYPE: Feature
 LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 10387

TEXT:
...   contacted a certain party (names, and/or phone numbers, and/or some
other form of **identification**), that the party is unable to answer the
phone , and that callers can leave a message after the signal or "beep"

sound.2 In this way, opening sequence rules still occur, albeit in a slightly modified form from **telephone** scripts, in that the machine answers the call, indicates that the **callee** temporarily is unavailable, and invites callers to provide information. Recorded closings also may exhibit truncated versions of **telephone** conversation scripts.

First time callers to households and to offices may anticipate this basic answering...

?

```
File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Jun
        (c)2004 Info.Sources Inc

Set      Items   Description
S1       2744    SPEECH OR VOICE OR UTTERANCE OR VERBAL
S2       1127    S1 AND (RECOG? OR DETECT? OR DETERMIN? OR EVALUAT? OR ASSE-
                 S? OR ANAL?)
S3          1    CALLEE
S4         11    CALLED(3N)(PARTY OR PERSON OR INDIVIDUAL)
S5          0    ANSWERING(3N)(PARTY OR PERSON OR INDIVIDUAL)
S6         96    S2 AND (ASSOCIAT? OR MATCH? OR ASSOCIAT? OR CORRELAT? OR C-
                 ORRESPOND?)
S7       1510    (IDENTIF? OR AUTHENT? OR APPROV? OR AUTHOR? OR ACCEPT? OR -
                 VALIDAT? OR CONFIRM? OR VERIF? OR RECOGN?) AND (ID OR IDENTIF-
                 IER? OR IDENTIFICATION OR IDENTITY)
S8          6    DESTINATION(3N)DEVICE?
S9          0    THIRD()PARTY(3N)DEVICE ?
S10        84    (ACCEPT? OR REJECT? OR TERMINAT?) AND (CALL OR CONNECTION)
S11         0    VID OR VOICE()IDENTIFIER? OR RVID OR REVERSE()VOICE()IDENT-
                 IFIER
S12        30    AU=(BROWN, M? OR MCINTYRE, J? OR PAOLINI, M? OR WEAVER, J?
                 OR WINTERS, S? OR BROWN M? OR MCINTYRE J? OR PAOLINI M? OR WE-
                 AVER J? OR WINTERS S?)
S13        11    S6 AND S7
S14         0    S13 AND S8
S15         0    S13 AND S4
S16         0    S13 AND S10
S17         0    S13 AND S12
S18         4    S13 AND PY=2002:2004
S19         7    S13 NOT S18
```

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

01223107 DOCUMENT TYPE: Product

PRODUCT NAME: TestWorks S-TCAT (223107)

Software Research Inc (375039)
1663 Mission St #400
San Francisco, CA 94103 United States
TELEPHONE: (415) 550-3020

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20030603

...the system interface errors that are almost always self-evident when a
system's caller- **callee** relationships are actually exercised. S1 coverage
requires comprehensive tests that tend to remove a high...

...file stores all cumulative test information. Instrumentation also
generates call trees that represent the caller- **callee** structure of a
program. Call trees aid users in understanding code because they organize
and...

...can navigate to its source code. Along with coverage, call trees display
subtrees of caller- **callee** dependencies relative to a specific module and
generate directed graphs for individual modules for an...
?

01130109   DOCUMENT TYPE: Product

PRODUCT NAME: Reading & Word Finding Series (130109)

Parrot Software (718416)
PO Box 250755
West Bloomfield, MI   48325   United States
TELEPHONE: (248) 788-3223

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 030206

Parrot Software's Reading & Word Finding Series is a collection of
rehabilitation, training, education, and **assessment** programs. The series
can be used by adults and children. Reading & Word Finding Series' Auditory
and Visual Picture **Recognition** targets neurologically impaired children
and adults with short term memory and attention deficits. The program
requires learners to make **associations** between printed or spoken words
and with related pictures. The application includes 100 color images...

...Series also encompasses the Fill-Ins, Helpful Reader, Mastering Personal
Information, Multi-Sensory Words, Picture **Identification** , Reading
Comprehension and Picture **Association** , Reading Comprehension for Adults,
Reading Comprehension for Adolescents, and Reading Comprehension Spelling
and Vocabulary applications...

DESCRIPTORS: E-Learning; Language Skills; Primary School Age; Schools;
     Special Education; **Speech** Therapy

01104671   DOCUMENT TYPE: Product

PRODUCT NAME: WhoIsIt (104671)

QVoice Inc (580899)
13 Kilroy Rd
Newton, NJ   07860   United States
TELEPHONE: (973) 786-6878

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20020905

QVoice's WhoIsIt is a server system that **matches** biometric information
with passwords, allowing users to protect and access sensitive computer
data. WhoIsIt's...

...scanners, or microphones in gathering biometric information. Templates
then are forwarded to the server for **verification** . Communication between
client and server systems is protected with asymmetric cryptographic
algorithms. WhoIsIt's face **recognition** software runs on an 100 Pentium
computer that is connected with a video camera. The software **verifies**
that it is viewing an actual person, rather than a prerecorded video feed
or an...

...lock, parental control lock, and other features. WhoIsIt supports
IControl Swipe, Fujitsu, M-Commerce, Secugen, **AuthenTec** , Precise
Biometrics, and Identix biometric sensor products. The system is offered in
English, Danish, Spanish...

DESCRIPTORS: Biometrics; Building Security; Foreign Language Packages;
    Speech   Recognition ; User **Identity** Management

19/3,K/3
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

00130733   DOCUMENT TYPE: Review

PRODUCT NAMES: Biometrics   (830213)

TITLE: You Are Your Password: With information theft on the rise...
AUTHOR: Corcoran, Cate T
SOURCE: eCOMPANY Now,   v2 n3 p128(2) Apr 2001
ISSN: 1528-9265
HOMEPAGE: http://www.ecompany.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20011130

...many companies want better security systems and find biometrics to be
more effective than other **identity** systems. However, biometrics also
could turn out to be less expensive than spending thousands of dollars on
administration costs. Biometrics scan and **analyze** one-of-a-kind body
characteristics, among them 260 points in the iris of the eye or the
modulations of an individual's **voice** . The information that is entered
when a user attempts access or entry is compared with and must **match**
stored samples provided by **authorized** users in the database. Other types
of biometric systems are hand-geometry and facial **recognition** systems.
Vendors briefly described are Cyber-Sign, Ethentica, EyeDentify, Identix,
Iridian Technologies, **Recognition** Systems, T-netix, and Visionics. For
instance, Affinity Internet, a Web host, uses Iridian's...

19/3,K/4
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00120240   DOCUMENT TYPE: Review

**PRODUCT NAMES: U.are.U Deluxe Package PLUS PLUS   (735591); VoicEntry II
(779482); FaceIt   (676764); PC Iris   (767166)**

TITLE: Your Body, Your Passkey
AUTHOR: Van Winkle, William
SOURCE: LAPTOP Buyer's Guide & Handbook,   v18 n19   p44(7) Oct 1999
ISSN: 2089-036X
HOMEPAGE: http://www.bedfordmags.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20020930

...FaceIt, and IriScan's PC Iris are biometric security products that use a
computer to **recognize** certain unique physical traits in order to allow
authorized users access to data or other resources. A human being walks up
to the device...
...the person, or may even smell the individual. The input obtained by the
device is **matched** against a database of those who have been enrolled in
the system, or have provided it with their unique characteristics and
personal information. Compaq's FingerPrint **Identification** Reader is a
device that attaches to the PC or side of a monitor, uses...

...unit built in, includes its own logon software, and runs under Windows
95/98/NT. **Voice   recognition** tools such as ViaVoice and
NaturallySpeaking can also be trained and used as biometric devices...

 19/3,K/5
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

00119563   DOCUMENT TYPE: Review

PRODUCT NAMES: Biometrics   (830213)

TITLE: Buyer's Guide: Biometrically Speaking
AUTHOR: Avolio, Frederick M
SOURCE: Network Computing,   v10 n17 p116(3) Aug 23, 1999
ISSN: 1046-4468
HOMEPAGE: http://www.NetworkComputing.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20011126

A discussion of biometric technology, including finger, hand, and retinal
scanning and **voice   recognition** , indicates that although the biometric
market is only moderately mature, biometric security technology itself is
mature and useful. Companies with operations requiring strong user
authentication should begin testing products. They can obtain useful
guidance from the **Association** for Biometrics on the Web and the online
buyer's guide linked to this article. Biometric security methods include
face **recognition** , finger scanning, finger and hand geometry, iris and
retina **recognition** , palm-print **recognition** , **voice   recognition** , and
signature **recognition** . All the methods work very similarly, beginning
when the user registers with a system to capture initial biometric
characteristic samples. Users' individual biometric system files are used
later for **identification** and **authentication** . For some users,

identification can require that the system compare a new sample with all possible candidates. For computer...

...up the template related to the user name, compares the new sample against it, and **determines** if a **match** is made. Biometric systems generally require additional components on the PC, and integration of biometric user **verification** with installed application can be difficult.

19/3,K/6
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

00119002   DOCUMENT TYPE: Review

PRODUCT NAMES: **Biometrics   (830213)**

TITLE: **Eye Spy: Body of Evidence: Biometric technology holds the potent...**
AUTHOR: Thomas, Sharah
SOURCE: Computer Shopper,   v19 n7   p317(1) Jul 1999
ISSN: 0886-0556
HOMEPAGE: http://www.computershopper.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20011130

...of crime is going to be increasingly difficult to do because biometric technology allows for **identity** based on a person's physical measurements, such as a scan of the eyes, instead of a set of arbitrary digits **associated** with the user's name. Typically, users need software and some hardware to protect their PC, so that, e.g., only the user's **voice** will open it. The technology exists today for face, **voice** , and temperature-sensitive fingerprinting **recognition** , and sophisticated signature comparisons. Although criminals are likely to come up with ways to outsmart...

19/3,K/7
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00115592   DOCUMENT TYPE: Review

PRODUCT NAMES: **Cognitel Windows 9x   (742937)**

TITLE: ID **Callers with Versatile, Easy** Voice **Mail Manager**
AUTHOR: Newman, Jeff
SOURCE: Windows Magazine,   v10 n4   p46(1) Apr 1999
ISSN: 1060-1066
HOMEPAGE: http://www.winmag.com

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

REVISION DATE: 20030925

TITLE: ID **Callers with Versatile, Easy** Voice **Mail Manager**

Novcom's Cognitel, a robust desktop computer-telephony application, uses **voice recognition** to **identify** callers when Caller **ID** cannot. Cognitel also permits users to check **voice** mail messages from an e-mail program, as long as Microsoft Outlook or Exchange is used. **Voice** messages show in the inbox, with the caller's name listed as the subject of a message. Users can listen to **voice** messages, convert them to SAV files, and save for review later on. The user has...

...frequent callers. A recording asks callers for their names, and checks the database for a **match** . The name is announced and shown on the PC screen. If the user does not...

...replies with a standard or personal greeting and records the message. Each time callers are **identified** , Cognitel adds new **voice** sample to the database. During testing, users imported an existing Outlook contact list and read off names to create **voice** samples. When the callers' voices were in the database, the **recognition** rate rose above 90 percent. The software uses real **voice** patterns instead of using consonant pronunciations for pattern **recognition** . Messages appeared in Outlook with **voice** message icons, and were easy to retrieve. A full-fledged TAPI-compliant **voice** modem is required, and although only a few are available, including the LT Win Modem...

DESCRIPTORS: Computer Telephony; E-Mail; Exchange; IBM PC & Compatibles;
    Telecommunications; Telephone Messages; **Voice** Mail; Windows
?

Set	Items	Description
S1	532183	SPEECH OR VOICE OR UTTERANCE OR VERBAL
S2	234203	S1 AND (RECOG? OR DETECT? OR DETERMIN? OR EVALUAT? OR ASSES? OR ANAL?)
S3	169	CALLEE
S4	2604	CALLED(3N)(PARTY OR PERSON OR INDIVIDUAL)
S5	92	ANSWERING(3N)(PARTY OR PERSON OR INDIVIDUAL)
S6	46010	S2 AND (ASSOCIAT? OR MATCH? OR ASSOCIAT? OR CORRELAT? OR CORRESPOND?)
S7	1142532	(IDENTIF? OR AUTHENT? OR APPROV? OR AUTHOR? OR ACCEPT? OR VALIDAT? OR CONFIRM? OR VERIF? OR RECOGN?) AND (ID OR IDENTIFIER? OR IDENTIFICATION OR IDENTITY)
S8	135	DESTINATION(3N)DEVICE?
S9	0	THIRD()PARTY(3N)DEVICE?
S10	24282	(ACCEPT? OR REJECT? OR TERMINAT?) AND (CALL OR CONNECTION)
S11	2392	VID OR VOICE()IDENTIFIER? OR RVID OR REVERSE()VOICE()IDENTIFIER
S12	29050	AU=(BROWN, M? OR MCINTYRE, J? OR PAOLINI, M? OR WEAVER, J? OR WINTERS, S? OR BROWN M? OR MCINTYRE J? OR PAOLINI M? OR WEAVER J? OR WINTERS S?)
S13	11	S2 AND S3
S14	559071	PHONE? OR TELEPHONE? OR FAX OR FACSIMILE OR MODEM
S15	31453	(COMMUNICATION OR NETWORK? OR TELEPHON?)(3N)DEVICE?
S16	11	S13 AND (S8 OR S14 OR S15)
S17	0	S16 AND PY=2002:2004
S18	9	RD S16 (unique items)
S19	16	(S4 OR S5) AND S10
S20	16	S19 NOT S16

```
S21        2    S20 AND PY=2002:2004
S22       14    S20 NOT S21
S23       12    RD S22 (unique items)
S24        0    S11 AND S3
S25        3    S11 AND S10
S26        3    S25 NOT (S19 OR S16)
S27        3    RD S26 (unique items)
S28        2    S27 NOT FIXTURE?
S29        0    S28 NOT (HORNEN OR GJUTA)
S30     8775    S7 AND (S8 OR S14 OR S15)
S31     3320    S1 AND S30
S32       31    S31 AND S10
S33       31    S32 NOT (S25 OR S19 OR S16)
S34        1    S33 AND PY=2002:2004
S35       30    S33 NOT S34
S36       22    RD S35 (unique items)
S37      133    S2 AND S12
S38        0    S37 AND S3
S39        1    S37 AND S7
S40        0    S39 NOT JURORS
S41      827    CALLER AND S7
S42      634    S41 AND (S8 OR S14 OR S15)
S43        2    S42 AND (S4 OR S5) AND S10
S44        0    S43 NOT (S32 OR S25 OR S19 OR S16)
S45        8    CALLER AND S3 AND S10
S46        3    S45 NOT (S32 OR S25 OR S19 OR S16)
S47        2    RD S46 (unique items)
```

18/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

4840290 INSPEC Abstract Number: B9501-6130-050, C9501-6180N-033
 Title: The evaluation **of trial results for a** voice **activated**
telephone **intermediary system**
 Author(s): Kitai, M.; Nishi, H.
Author Affiliation: NTT Human Interface Labs., Kanagawa, Japan
 p.133-6
 Publisher: IEEE, New York, NY, USA
 Publication Date: 1994 Country of Publication: USA viii+164 pp.
 ISBN: 0 7803 2074 3
 U.S. Copyright Clearance Center Code: 0 7803 2074 3/94/$4.00
 Conference Title: Proceedings of 2nd IEEE Workshop on Interactive Voice
Technology for Telecommunications Applications
 Conference Sponsor: IEEE Commun. Soc.; IEICE of Japan
 Conference Date: 26-27 Sept. 1994 Conference Location: Kyoto, Japan
 Language: English
 Subfile: B C

Title: The evaluation **of trial results for a** voice **activated**
telephone **intermediary system**
 Abstract: We developed an experimental **voice** activated **telephone**
intermediary system in 1993. It is intended to accept the caller's message
and to transfer the call to an appropriate number according to the **callee**
's schedule and the **callee** 's setting of services. A caller can use such
services by speaking his name, **callee** 's name, confirmation words, his
 phone number, and his message, in that order, in response to system
prompts. An experiment was...

... paper describes the experiment and it's results, and discusses the
dialog designs that minimize **recognition** error and encourage callers to
start/continue to use the system.
 ...Descriptors: **speech recognition** ;
 ...Identifiers: **voice** activated **telephone** intermediary system...

... **recognition** error

 18/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

03508371 INSPEC Abstract Number: D90000141
 Title: Voice **messaging basics: speaking frankly**
 Author(s): Rothman, H.H.
Author Affiliation: Associated Comput. Consultants, Bridgeport, CT, USA
 Journal: Modern Office Technology vol.34, no.7 p.86, 88-90
 Publication Date: July 1989 Country of Publication: USA
 CODEN: MOFTDB ISSN: 0026-8208
 U.S. Copyright Clearance Center Code: 0026-8208/89/$1.00+.50
 Language: English
 Subfile: D

Title: Voice **messaging basics: speaking frankly**
 Abstract: Almost all office technology innovations promise improved
productivity. Yet another new technology, **voice** messaging systems (VMS),
combine two older, more familiar ideas-the touch-tone **phone** and the
personal computer. The three applications of VMS are briefly discussed.

These are: 'call-back' where the call-back number is forwarded to the
callee 's beeper; 'store-and-forward' where the VMS dials the **callee** at
a particular time at a particular **phone** with the message; and 'message
distribution' where a message is sent to several people to ensure that the
message has been delivered. Some of the criteria in **determining** which
sort of VMS system is required are mentioned with respect to possible
applications.
   ...Descriptors: **voice** communication...

... **voice** mail
   ...Identifiers: **voice** messaging systems...

...touch-tone **phone** ;

 18/3,K/3   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

04484823   E.I. No: EIP96083298881
   Title: **Automatic** telephone **operator using** speech   recognition
   Author: Guojun, Zhou; Lieguang, Zeng; Chongxi, Feng
   Corporate Source: Tsinghua Univ, Beijing, China
   Conference Title: Proceedings of the 1996 International Conference on
Communication Technology Proceedings, ICCT'96. Part 1 (of 2)
   Conference Location: Beijing, China   Conference Date: 19960505-19960507
   E.I. Conference No.: 45212
   Source: International Conference on Communication Technology Proceedings,
ICCT v 1 1996. IEEE, Piscataway, NJ, USA. p 420-423
   Publication Year: 1996
   CODEN: 002424
   Language: English

   Title: **Automatic** telephone **operator using** speech   recognition
   Abstract: With the rapid development in **telephone** communication
technology, we have seen the replacement of human **telephone** operators
with automatic operator services in order to increase the speed and
efficiency. This paper describes a proposed automatic **telephone** operator
system (we shall call it ATOS hereafter) for private branch exchanges
(PBXs) using **speech   recognition** techniques. A PBX is a **telephone**
switching system acting exclusively for an organization as an exchange to
connect external calls and...

...is such a system that is able to automate a PBX operator's work by
recognizing the **callee** 's name spoken by the caller. Furthermore, it can
be used for existing PBXs without...
   Descriptors: Automatic **telephone** exchanges; **Speech   recognition** ;
Private **telephone** exchanges; **Telephone** switching equipment; **Telephone**
sets; Technology; Telecommunication services; Societies and institutions
   Identifiers: Automatic **telephone** operator system; External calls;
Callee name

 18/3,K/4   (Item 1 from file: 94)
DIALOG(R)File   94:JICST-EPlus
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03587298   JICST ACCESSION NUMBER: 98A0531460 FILE SEGMENT: JICST-E
Next Generation Human Interface and Interaction. Evaluation **of a Computer
   Telephony System Using an Advanced Call-connection Method**

Next Generation Human Interface and Interaction. Evaluation **of a Computer**
    Telephony System Using an Advanced Call-connection Method
    'Pre-negotiation'.

...ABSTRACT: on certain data, i.e., the urgency of the call and whether or
    not the **callee** available, sent between personal computers(PCs). One
    purpose of pre-negotiation is to solve the problems of conventional
    telephony systems. These include the caller not knowing the **callee** 's
    situation, the caller not being able to notify the **callee** of the
    purpose of the call in advance, and the **callee** receiving unwanted
    calls such as crank or tele-marketing calls. Another purpose is to make
    the connection between the **telephone** network and the computer network
    seamless, which in turn would make communication using **telephones** and
    computers more convenient. (author abst.)
DESCRIPTORS: **telephone** ;
BROADER DESCRIPTORS: **voice** communication...

 18/3,K/5   (Item 2 from file: 94)

Study for improving service usage ratio and user operability in a voice
    activated call answering system.
KITAI MIKIO (1); NISHI HIROYUKI (1)
(1) Nippon Telegraph & Telephone Corp., Human Interface Lab.

Study for improving service usage ratio and user operability in a voice
    activated call answering system.
ABSTRACT: We developed an experimental **voice** activated call answering
    system in 1993. It is intended to accept the caller's message and to
    transfer the call to an appropriate number according to the **callee** 's
    schedule and the **callee** 's setting of services. A caller can use such
    services by speaking his name, **callee** 's name, confirmation words, his
    phone number, and his message, in that order, in response to system
    prompts. Two experiments were...

...This paper describes two experiments and their results, and discusses
    the dialog designs that minimize **recognition** error and encourage

callers to start/continue to use the system. (author abst.)
DESCRIPTORS: **telephone** ; ...

... **speech** processing...

... **speech**   **recognition** ; ...

... **voice** operated control equipment
BROADER DESCRIPTORS: **voice** communication...

...pattern **recognition** ; ...

... **recognition** ;

 18/3,K/6   (Item 3 from file: 94)
DIALOG(R)File 94:JICST-EPlus
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01756345   JICST ACCESSION NUMBER: 93A0514639 FILE SEGMENT: JICST-E
A Conflict Detection **Method for Telecommunication Billing Specification**
    Descriptions.
HARADA YOSHIO (1); TAKAMI KAZUMASA (1); OTA TADASHI (1); TERASHIMA
    NOBUYOSHI (1)
(1) ATR Communication Systems Res. Labs.
Joho Shori Gakkai Ronbunshi(Transactions of Information Processing Society
    of Japan), 1993, VOL.34,NO.5, PAGE.1064-1073, FIG.15, TBL.4, REF.7
JOURNAL NUMBER: Z0778AAZ   ISSN NO: 0387-5806
UNIVERSAL DECIMAL CLASSIFICATION: 681.3.02.001   621.395
LANGUAGE: Japanese   COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

A Conflict Detection **Method for Telecommunication Billing Specification**
    Descriptions.
ABSTRACT: In telecommunication services there is the free-dial service that
    charges the **callee** the bill. When this sort of service is added to
    existing services, we must **analyze** whether the billing specification
    conflict occurs between additional service and existing services. In
    this paper, we concentrate on the billing specification conflict
    problem and propose a billing specification conflict **detection**
    method. A billing specification description method, with which
    conditions of billing processing are described as...

...effects of the proposed mothod is shown from the experiment of a billing
    specification conflict **detection** . (author abst.)
...DESCRIPTORS: **telephone** ;
...BROADER DESCRIPTORS: **voice** communication

 18/3,K/7   (Item 4 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

01701171   JICST ACCESSION NUMBER: 93A0190224   FILE SEGMENT: JICST-E
Special Section on Cryptography and Information Security. Methods to
    Securely Realize Caller-Authenticated and Callee -Specified Telephone
    Calls.
ASANO T (1); MATSUMOTO T (1); IMAI H (1)

**Special Section on Cryptography and Information Security. Methods to
  Securely Realize Caller-Authenticated and** Callee **-Specified** Telephone
  Calls.

ABSTRACT: This paper presents two methods for securely realizing
  caller-authenticated and **callee** -specified calls over
  telecommunication networks with terminals that accept IC cards having
  KPS-based cryptographic...

...pen name. Users's privacy is protected even if they do the
  caller-authenticated and **callee** -specified calls and do not pay their
  telephone charge in advance. (author abst.)
...DESCRIPTORS: **telephone ;**
...BROADER DESCRIPTORS: **recognition ;** ...

... **voice** communication

 18/3,K/8   (Item 5 from file: 94)
DIALOG(R)File   94:JICST-EPlus

 Callee **identification model.**
DESCRIPTORS: speaker **recognition ;** ...

...‵ **telephone ;** ...

... **voice ;**
BROADER DESCRIPTORS: pattern **recognition ;** ...

... **recognition ;** ...

... **voice** communication

 18/3,K/9   (Item 1 from file: 583)

05192378
xxx
  ITALY - ITALCABLE PREVIEWS THREE CLASSES OF VIDEO TELEPHONY
Computergram International (CGI)   14 July 1992 p1
ISSN: 0268-716X

... fotovideo, videotelephony and videoconferencing. Fotovideo enables the
caller simply to see the face of the **callee** , using the ordinary **analogue**
   phone   network. The   **analogue**   network must be in perfect working
condition however, to achieve an acceptable result. Videotelephony gives
the caller a colour image moving in real time with the **voice** . It runs
over ISDN at 128Kbps. The highest level of video communications -
videoconferencing - needs a...
?

23/3,K/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC

5102265   INSPEC Abstract Number: B9512-6210D-019
  Title: **The allocation of value for jointly provided services**
  Author(s): Linhart, P.; Radner, R.; Ramakrishnan, K.G.; Steinberg, R.
  Author Affiliation: AT&T Bell Labs., Murray Hill, NJ, USA
  Journal: Telecommunication Systems – Modeling, Analysis, Design and
Management   vol.4, no.3-4   p.151-75
  Publication Date: Sept. 1995 Country of Publication: Netherlands
  CODEN: TESYEV ISSN: 1018-4864
  Language: English
  Subfile: B
  Copyright 1995, IEE

    ...Abstract: ID service, whereby the telephone number of the calling
party is visually displayed to the **called   party** during ringing, is now
available in some areas of the USA, but it is restricted to calls within a
local calling area, and for which the calling and **called   party** are
customers of the same local telephone company. If Caller ID service is
extended nationwide, identification of a long-distance **call** will, in a
typical case, require the participation of three companies: the local
exchange carrier originating the **call** ; the long-distance carrier; and the
local exchange carrier **terminating** the **call** . We apply cooperative game
theory to address the question of how the revenues from the...
    ...Identifiers: long-distance **call** ;

23/3,K/2   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC

4715806   INSPEC Abstract Number: B9409-6150C-017, C9409-7410F-015
  Title: **A novel automatic** call **restriction scheme for control of focused
overloads**
  Author(s): Williams, P.M.
  Author Affiliation: BT Labs., Ipswich, UK
  p.27/1-10
  Publisher: IEE, London, UK
  Publication Date: 1994 Country of Publication: UK   376 pp.
  Conference Title: IEE Eleventh UK Teletraffic Symposium. Performance
Engineering in Telecommunication Networks
  Conference Sponsor: IEE
  Conference Date: 23-25 March 1994   Conference Location: Cambridge, UK
  Language: English
  Subfile: B C

  Title: **A novel automatic** call **restriction scheme for control of focused
overloads**
    ...Abstract: contol scheme described has been designed so that it is
automatic in two senses. The **called   party** number identifying the
resource in overload is automatically identified. The level of **call**
restriction performed at nodes remote from the resource is updated
dynamically in such a way that the ineffective calling rate at the resource
is kept within an **acceptable** limit whilst the occupancy of the resource
is kept as high as possible. The author gives a detailed description of the
automatic **call** restriction scheme including possible enhancements and
methods of implementation, defines two measures of performance for...

Identifiers: automatic **call** restriction scheme...

... **called** **party** number

23/3,K/3 **(Item 3 from file: 2)**
DIALOG(R)File 2:INSPEC

03810361 INSPEC Abstract Number: B91011529, C91008849
  Title: **An experimental automatic collect-** call **service on the Italian PSTN**
  Author(s): Canavesio, F.; Marion, R.
  Author Affiliation: CSELT, Torino, Italy
  Conference Title: 13th International Symposium. Human Factors in Telecommunications. Proceedings p.475-6
  Publisher: HFT '90, Turin, Italy
  Publication Date: 1990 Country of Publication: Italy 2 vol. (xiii+642+54) pp.
  Conference Sponsor: ISPT; CSELT; SIP; et al
  Conference Date: 10-14 Sept. 1990 Conference Location: Turin, Italy
  Language: English
  Subfile: B C

  Title: **An experimental automatic collect-** call **service on the Italian PSTN**
  Abstract: The application of an isolated-word, speaker-independent recognition system to a completely automatic collect- **call** service on the Italian PSTN is presented. This experimental service is described and demonstrated with particular emphasis on the human factors aspects of the man-machine dialogue with the **called** **party** . Billing **acceptance** or **call** **rejection** is accomplished by the destination party through direct answers to properly recorded prompt messages. The...
  ...Identifiers: automatic collect- **call** service...

23/3,K/4 **(Item 4 from file: 2)**
DIALOG(R)File 2:INSPEC

00794666 INSPEC Abstract Number: B75030006
  Title: **A new electronic telephone accounting system for local telephone calls**
  Author(s): McDonald, J.C.
  Author Affiliation: Vidar Corp., Mountain View, CA, USA
  Journal: IEEE Transactions on Communications vol.com-23, no.7 p. 705-14
  Publication Date: July 1975 Country of Publication: USA
  CODEN: IECMBT ISSN: 0090-6778
  Language: English
  Subfile: B

  ...Abstract: equipment is required. This paper describes an electronic local message accounting system to measure local **call** usage which can be appliqued to panel, No. 1 crossbar, No. 5 crossbar, and Step-by-Step switching entities. Magnetic tape records for each local **call** provide: directory number of the calling **party** , distance to the **called** **party** , duration, and time of **call** **termination** . This information allows subscriber billing based on many and varied criteria which are established by...

1936233 NTIS Accession Number: PB95-980021
  General Recommendations on Telephone Switching and Signalling. Functions and Information Flows for Services in the ISDN. Recommendation Q.86. Stage 2 Description for Charging Supplementary Services. Clause 3 - Reverse Charging (REV)
  International Telecommunication Union, Geneva (Switzerland). International Telegraph and Telephone Consultative Committee.
  Corp. Source Codes: 057051002
  cMar 93   46p
  Languages: English
  Journal Announcement: GRAI9608
  Available in paper copy, U.S., Canada, and Mexico sales only. All others refer to: International Telecommunications Union, Place des Nations, 1211 Geneva 20 Switzerland.
  NTIS Prices: PC$38.00

  ... signalling information flows. The Reverse Charging supplementary service allows: the calling user, on a per **call** basis, to request that the **call** be charged to the **called** **party** at **call** set-up time and the calling user has the opportunity to **accept** or **reject** these charges; the calling user, on a per **call** basis, to request that the **call** be charged to the **called** **party** from a time during the active phase of the **call** and the **call** party has the opportunity to **accept** or **reject** those charges; and the called user, on a per **call** basis, to request to be charged for the **call** from a time during the active phase.

04493853   JICST ACCESSION NUMBER: 00A0159468   FILE SEGMENT: JICST-E
A Trust Management System forr Signed Data.
YAMASAKI SHIGEICHIRO (1); ARAKI KEIJIRO (1)
(1) Kyushu Univ.
Joho Shori Gakkai Kenkyu Hokoku, 1999, VOL.99,NO.54(CSEC-6), PAGE.13-18,
    FIG.8, REF.14
JOURNAL NUMBER: Z0031BAO   ISSN NO: 0919-6072
UNIVERSAL DECIMAL CLASSIFICATION: 681.3.02-759   681.3.02+
LANGUAGE: Japanese   COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

...ABSTRACT: verification system for digital signature can output only
    binary values "success or fail". As the **acceptable** usage of signed
    data is limited from the security level of the signature system
    utilized...

...are (1) the rating of reliability of signed data is evaluated by some
    trusted third **party** **called** "Rating Bureau", (2) information about
    reliability of signed data is represented by RDF as a meta data which
    is separated from signed data itself. A program which we **call** "trust
    engine" judge the trust level for the signed data with rules and the

meta...

23/3,K/7   (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00462167   97PW06-031
   **Internet phones take on Ma Bell -- Sick of paying long-distance charges?
We   review nine Internet phones that let you   call   anyone in the world for
virtually nothing**
   Bass, Steve; Silvius, Susan; McDonald, Glenn
   PC World , June 1, 1997 , v15 n6 p165-178, 8 Page(s)
   ISSN: 0737-8939

   **...Bell -- Sick of paying long-distance charges? We review nine Internet
phones that let you   call   anyone in the world for virtually nothing**
   ...the fee paid to an ISP. Explains that the problems with these devices
are   the   **call**   quality   is   well   below that of standard telephones, the
 person   being   **called**   must   be   online and using the same software the
caller   is   using,   the software must be installed and configured, and some
troubleshooting   will   be   required   to   get   **acceptable**   sound   quality.
Includes   a   sidebar   discussing programs that connect a computer to a real
telephone...

23/3,K/8   (Item 1 from file: 239)
DIALOG(R)File 239:Mathsci

   01506930   MR 58##26681
   **Geschichte der mechanischen Prinzipien und ihrer wichtigsten
Anwendungen.**
   Wissenschaft und Kultur, 32.
   Szabo, Istvan
   Publ: Birkhauser Verlag, Basel-Stuttgart,
   1977, xv+491 pp.
   Language: German
   Subfile: MR (Mathematical Reviews)   AMS
   Abstract.Length: LONG (74 lines)
   Reviewer: Aiton, E. J.

   ...proof of Kepler's second law is only valid for infinitesimal arcs.
Again, although he **accepts** Dijksterhuis' idea that impulse is primitive
for Newton, historians will be surprised to find no...

...force in the Principia by Cohen and Westfall. Neither Koyre nor Drake is
mentioned in **connection** with Galileo, while the two editors of a recent
edition of ``Les nouvelles pensees de Galilee, par Marin Mersenne'' have
become one **person** , **called** P. Costabel-Lerner. In the case of Descartes'
rules of collision and the vis viva...

23/3,K/9   (Item 1 from file: 583)
DIALOG(R)File 583:Galé Group Globalbase(TM)

06515306
Belgacom va moderniser ses cabines/
  BELGIUM: BELGACOM TO INVEST BFR 1.5BN

...coins or a Proton or Belgacom smart card. 5,750 of the future boxes will
 accept all smart card payments (Proton or the new Telecard by the Belgian
telecoms operator), and the remaining 4,250 units will **accept** smart cards
and coins. Today's fleet of 4-5,000 boxes operated with coins...

... will allow the user to have his balance displayed, take advantage of a
messaging system, **call** the last number dialled automatically, or to
program the number of the **called** **party** . The idea of Belgacom is also to
review the geographical installation of its boxes as...

23/3,K/10   (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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05490842
**Media: This is the editor who...didn't hire this man...Is it because this
   man...wants to buy this team? Roy Greenslade on the strange case of the
   job that never was**
Greenslade, Roy
Guardian, Sec MEDIA, p 4, col 2
 Mar 22, 1999
 ISSN: 0261-3007   NEWSPAPER CODE: MG
 DOCUMENT TYPE: Feature; Newspaper
 LANGUAGE: English   RECORD TYPE: ABSTRACT
 LENGTH: Long (18+ col inches)

ABSTRACT: Benjamin Wegg-Prosser had **called** the **party** to mark his
departure from his post at the Department of Trade and Industry following
...

...and contacts to check that they would be enjoying his hospitality, he
took a phone **call** from Wapping which was, to say the least, a
shock. There are, it seems, no...

...DESCRIPTORS: **Terminations**

23/3,K/11   (Item 2 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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05329736
**Analysis: The American right: Give them that old time religion The
   Republican Party has lost the plot, says Martin Kettle, and shows few
   signs of returning to the mainstream**
Kettle, Martin
Guardian, Sec 1, p 21, col 1
 Nov 13, 1998
 ISSN: 0261-3007   NEWSPAPER CODE: MG
 DOCUMENT TYPE: Feature; Newspaper
 LANGUAGE: English   RECORD TYPE: ABSTRACT
 LENGTH: Long (18+ col inches)

...ABSTRACT: the right's ascendancy. Both its judgment and agenda were
found wanting. Mr (William) Kristol **called** on the **party** to focus on
the president. Newt Gingrich answered the **call** , shovelling $10 million

worth of anti-Clinton advertising into battleground districts in the final
days...

...stringent and difficult discipline on its would-be leaders. They must
defend verities so long **accepted** that they are no longer fully
understood. They must routinely explain why certain ideas are...

 23/3,K/12   **(Item 3 from file: 483)**
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02955382
Downing Street spurns Sinn Fein call **for clarification**
Sharrock, David; Bates, Stephen
Guardian, Sec 1, p 24, col 3
 Apr 8, 1994
 ISSN: 0261-3007   NEWSPAPER CODE: MG
 DOCUMENT TYPE: News; Newspaper
 LANGUAGE: English   RECORD TYPE: ABSTRACT
 LENGTH: Medium (6-18 col inches)

Downing Street spurns Sinn Fein call **for clarification**

ABSTRACT: The British government **rejected** any further clarification of
the joint Ireland-UK peace declaration on Northern Ireland for Sinn Fein on
Apr 7, 1994 and **called** for the **party** to renounce violence as a means of
winning a place at the negotiating table.
?

36/3,K/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6972782   INSPEC Abstract Number: B2001-08-6210D-018
 Title: **Talking** call **waiting: an application of text-to-** speech
   Author(s): Bossemeyer, R.; Hardzinski, M.
   Author Affiliation: Speech Technol. Appl. Res. Inc., St. Charles, IL, USA
   Journal: International Journal of Speech Technology   vol.4, no.1   p.
7-17
   Publisher: Kluwer Academic Publishers,
   Publication Date: March 2001 Country of Publication: Netherlands
   CODEN: ISTEFM ISSN: 1381-2416
   SICI: 1381-2416(200103)4:1L.7:TCWA;1-J
   Material Identity Number: E319-2001-002
   U.S. Copyright Clearance Center Code: 1381-2416/2001/$19.50
   Language: English
   Subfile: B
   Copyright 2001, IEE

 Title: **Talking** call **waiting: an application of text-to-** speech
   Abstract: **Call** Waiting is a service provided by most **telephone**
 companies that alerts a subscriber to an incoming **call** while he/she is
 engaged in a prior **call** . The Talking **Call** Waiting service at Ameritech
 enhances **Call** Waiting by converting Caller **ID** information into a spoken
 utterance using text-to- **speech** technology. A subscriber to Talking
 Call Waiting hears the name associated with the line that originates a
 call to them while he/she is on the **phone** . We designed a set of
 experiments that enabled us to predict customer **acceptance** of the product
 based on three factors: 1) the tolerance of the subscriber for interruption
 in his/her current conversation; 2) the intelligibility of the text-to-
 speech synthesis; and 3) the perceived quality of the text-to- **speech**
 synthesis. We also designed a process that formats the name data for
 optimal text-to- **speech** synthesis and a mechanism to respond to possible
 customer dissatisfaction with the synthesis of particular names. Our
 research indicates that intelligibility of names was good, quality of the
 sound was **acceptable** , and disruption of the **call** in progress was
 tolerable.
   ...Descriptors: **speech** synthesis
   Identifiers: talking **call** waiting...

 ... **telephone** service...

 ...customer **acceptance** ; ...

 ...text-to- **speech** synthesis

 36/3,K/2   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5614581   INSPEC Abstract Number: C9708-5260S-012
 Title: **A two stage procedure for** phone **based speaker** verification
   Author(s): Olsen, J.O.
   Author Affiliation: Center for PersonKommunikation, Aalborg Univ.,
Denmark
   Conference Title: Audio- and Video-Based Biometric Person Authentication.
First International Conference, AVBPA'97. Proceedings   p.219-26
   Editor(s): Bigun, J.; Chollet, G.; Borgefors, G.

Title: A two stage procedure for phone **based speaker** verification
Abstract: Many approaches to speaker **recognition** have traditionally
been based more or less directly on techniques borrowed from **speech
recognition** , e.g. hidden Markov models. These approaches ignore the fact
that the two problems are actually very different. Ideally, **speech
recognition** deals only with linguistic features, whereas speaker
recognition deals only with non-linguistic features. It is not, however,
possible to separate the two; when a sentence is uttered, the
non-linguistic speaker information is observed in **connection** with the
linguistic information. This is why a **speech recogniser** can be used
also as a speaker **recogniser** . In this paper, a two-stage procedure for
speaker **verification** is presented. In this procedure, **speech
recognition** (segmentation) and speaker **verification** are carried out
separately. In the first stage, hidden Markov models are used for
identifying phone segments, and in the second stage, **phone** -dependent
radial basis function networks are used for **verifying** the claimed speaker
identity . **Phone** modelling is important, because different **phones**
characterise different aspects of a speaker. It is found that **phone**
modelling makes it easier to **reject** impostors, because successful
impostors are usually only successful for specific **phones** .
...Descriptors: speaker **recognition**
...Identifiers: **phone** -based speaker **verification** ; ...

...speaker **recognition** ; ...
... **speech** **recognition** ; ...

... **speech** segmentation...

... **phone** segments...

... **phone** -dependent radial basis function networks...

...impostor **rejection**

 36/3,K/3   (Item 3 from file: 2)

Abstract: In the simplest terms, computer telephony is the technique of coordinating the actions of **telephone** and computer systems. This technology has existed in commercial form since the mid-1980s, but it has been exploited only in a few niche markets-particularly in large **call** centers, where **call** volumes easily justified the cost of complex custom-built systems. But in the 1990s, several factors have combined to significantly simplify computer- **telephone** systems and increase the marketplace`s interest in computer telephony. International standards for interconnecting **telephone** and computer systems have been defined, notably the Computer-Supported Telephony Application (CSTA) **call** modeling and protocol standards from the European Computer Manufacturers Association (ECMA). Mass-market application programming...

... heavily promoted by major market players such as Microsoft and Novell, and are gaining rapid **acceptance** . **Voice** processing technologies have advanced steadily, providing advanced features and high port densities at attractive prices. Public networks are offering more and more services that enable computer- **telephone** applications, such as Calling Line **ID** . And most important, the world economy is doing business over **telephone** at an increasing rate, prompting business organizations to look for ways to make this process...
    ...Descriptors: **speech** processing
    ...Identifiers: **call** modelling standard...

... **voice** processing technologies...

... **call** control...

...large **call** centers...

...computer- **telephone** systems...

...Calling Line **ID**

 36/3,K/4 **(Item 4 from file: 2)**
DIALOG(R)File 2:INSPEC
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5082575 INSPEC Abstract Number: B9512-6210D-004, C9512-7410F-005
  Title: **Automatic versus user-controlled methods of briefly interrupting telephone calls**
  Author(s): Katz, R.B.
  Journal: Human Factors vol.37, no.2 p.321-34
  Publication Date: June 1995 Country of Publication: USA
  CODEN: HUFAA6 ISSN: 0018-7208
  U.S. Copyright Clearance Center Code: 0018-7208/95/$.70+.50
  Language: English
  Subfile: B C
  Copyright 1995, IEE

  Title: **Automatic versus user-controlled methods of briefly interrupting telephone calls**
  Abstract: Some future **telephone** services will require that ongoing calls be interrupted briefly so that one of the parties can receive data transmitted over the **voice** path. For example, the new service 'Caller **ID**

on **Call** Waiting' (CIDCW) will allow subscribers who are off-hook and engaged in conversation to receive data indicating the name and **telephone** number of a new caller, but the data transmission will produce a break of approximately...

... form of CIDCW, data would be sent without user control once there is a new **call** , producing an unexpected break in ongoing conversations. In a user-controlled form, users would hear a tone when there is a new **call** and initiate the data transmission by pressing a button. A study was conducted to examine how subjects would react to breaks in their **telephone** conversations and to determine which form of CIDCW was more favorable. Subjects acting as CIDCW...

... of the service, but they preferred the automatic form, which was also rated as more **acceptable** and easier to use. Furthermore, compared with the user-controlled form, automatic CIDCW resulted in...

...approach was found to be the better way to introduce a 1-s break into **telephone** calls.
  Identifiers: automatic **telephone** **call** interruption...

...user-controlled **telephone** **call** interruption...

...future **telephone** services...

...Caller **ID** on **Call** Waiting...
... **telephone** conversation breaks...

... **acceptability** ; ...

...caller **telephone** number

36/3,K/5   (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC
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04339480   INSPEC Abstract Number: B9303-6210D-004
  Title: **The issues of telecommunication personalization**
  Author(s): Mizusawa, J.
  Author Affiliation: Tokyo Univ., Japan
  Journal: Journal of the Institute of Electronics, Information and Communication Engineers   vol.75, no.8   p.845-54
  Publication Date: Aug. 1992 Country of Publication: Japan
  CODEN: DJTGEB ISSN: 0913-5693
  Language: Japanese
  Subfile: B

  Abstract: Personalization of telecommunication aims to realize person-to-person communication, and the **author** describes improvement of telecommunication services such as personalization in **telephone** services, ideas for wide-range telecommunication personalization, its classification, examples of such services and their characteristics. The **author** developed a questionaire on these services and reviewed user needs, technical problems and social problems. Telecommunication personalization services involve personal **connection** using IC cards, services provided by machines using human interfaces such as **voice** dialing, AI dialing, private calls and BGM service, value-added personal **connection** such as **terminating** **call** control (customer control) and group communications (electronic mailing service, telecommunication by using personal computers, personal **ID** application services and media conversion services).

...Identifiers: **telephone** services...

... **voice** dialing...

...value-added personal **connection** ; ...

...personal **ID** application services

36/3,K/6   (Item 6 from file: 2)
DIALOG(R)File   2:INSPEC
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01934092   INSPEC Abstract Number: B82054596
 Title: **Measurement of recorded 'SIT' signals**
  Author(s): Della-Rocco, P.T.
  Journal: Technical Digest   no.65   p.9-12
  Publication Date: Jan. 1982 Country of Publication: USA
  CODEN: TCHDAV ISSN: 0497-0411
  Language: English
  Subfile: B

  Abstract: Discusses Special Information Tones ('SITs') on magnetic tape
that may be used to **identify**   **telephone** calls that **terminate** in
recorded announcements, heretofore not normally machine distinguishable
from live **voice** answer. A SIT may consist of three precise audio
frequency tones each having a different...

... duration. Different SITs are distinguished by categorizing combinations
of frequencies and tone durations permitting mechanized **call** detectors
and classifiers to accurately classify calls **terminating** in recorded
announcements.
    ...Descriptors: **telephone** equipment
    ...Identifiers: **telephone** · **call** **identification** ; ...
...mechanized **call** detectors

36/3,K/7   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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05966923   E.I. No: EIP01536782491
  Title: **Scalable architecture for VoIP privacy**
  Author: Medvinsky, A.
  Corporate Source: Motorola Broadband Commun. Sector, San Diego, CA 92129,
United States
  Conference Title: Voice Over IP (VoIP) Technology
  Conference   Location: Denver, CO, United States   Conference Date:
20010821
  E.I. Conference No.: 58854
  Source: Proceedings of SPIE – The International Society for Optical
Engineering v 4522 2001. p 1-12
  Publication Year: 2001
  CODEN: PSISDG   ISSN: 0277-786X
  Language: English

  Abstract: An access network for **Voice** over IP (VoIP) clients (e.g.
DOCSIS-based HFC network) often provides a privacy service...

...privacy service where each VoIP packet is encrypted at the source and

decrypted at the **terminating** endpoint. Clearly, public key encryption cannot be applied to each **voice** packet: the performance would be unacceptable regardless of the choice of a public key algorithm...

...negotiate a shared symmetric key. Since VoIP connections are established only for duration of a **phone call** , the end-to, end key negotiation needs to occur during each **call** setup. And it should not noticeably delay the **call** setup phase. In order to provide end-to, end privacy, it is not sufficient to encrypt all messages between the two endpoints. It is important that the two endpoints **authenticate** each other - **validate** each other's **identity** . Without **authentication** an adversary might trick two VoIP clients to negotiate keys with her and then sit...

...conversation and record each VoIP packet, before forwarding it to the intended destination. However, direct **authentication** of the two VoIP endpoints is not always possible in telephony networks - in particular when caller **ID** blocking services are enabled. To support such anonymity services, it may be sufficient to **authenticate** not the **identity** of the caller but the fact that it is a valid subscriber and that all subsequent signalling and **voice** traffic will be coming from the same source. The PacketCable specifications provide an example of...
   Descriptors: Data privacy; Network protocols; Internet; Public key cryptography; Packet networks; Client server computer systems; **Voice** /data communication systems

   36/3,K/8   (Item 2 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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05694632   E.I. No: EIP00115385856
   Title: **User** validation **for mobile** telephones
   Author: Carey, Michael J.; Auckenthaler, Roland
   Corporate Source: Ensigma Ltd, Monmouthshire, Engl
   Conference Title: 2000 IEEE Interntional Conference on Acoustics, Speech, and Signal Processing
   Conference   Location: Istanbul,   Turkey   Conference   Date: 20000605-20000609
   E..I. Conference No.: 57489
   Source: ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings v 2 2000. IEEE, Piscataway, NJ, USA,00CB37100. p 1093-1096   ⁰
   Publication Year: 2000
   CODEN: IPRODJ   ISSN: 0736-7791
   Language: English

   Title: **User** validation **for mobile** telephones
   Abstract: A combination of text-independent speaker **verification** and user profiling as a new biometric for crime prevention on mobile **telephones** is proposed. The **verification** carried out on the **speech** throughout the **call** hence obviates the need for direct user involvement while providing high impostor **rejection** . Low user **rejection** is achieved by monitoring the pattern of numbers called. While the pattern is substantially unchanged the speaker **verification** threshold is low minimising the level of false **rejections** . The threshold is raised if the calling pattern deviates from the normal. Analysis of a limited number of user **call** records shows that the users tend to **call** a small set of numbers repetitively and that deviation from this pattern are infrequent. Tests of a GMM based speaker **verification** system on an appropriate

database gave an equal error rate of 4% showing that a text independent
system can approach the performance of a text dependent system. (**Author**
abstract) 9 Refs.

Descriptors: **Speech   recognition** ; Mobile telecommunication systems;
Digital signal processing; Microprocessor chips; Security of data; **Speech**
coding; Random processes

Identifiers: Mobile **telephones** ; User **validation** ; Speaker
verification ; User profiling; Subscriber information module; Global system
for mobile communication; Personal **identification** number; Impostor
rejection

 36/3,K/9   (Item 3 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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04615810   E.I. No: EIP97023517933
  Title: Hearing is believing
  Author: Cholewka, Kathleen
  Source: Data Communications v 26 n 1 Jan 1997. p 105-106
  Publication Year: 1997
  CODEN: DACODM   ISSN: 0363-6399
  Language: English

Abstract: Frame relay access devices (FRAD) let net managers save money
by shipping **voice** over frame relay, but the quality suffers. Nuera's FRAD
is the choice that handles **voice** without a drop in sound quality. The
eight-slot chassis **accepts** one-port analog or four-port digital **voice** /
fax cards with a digital signal processor on each card that takes the
voice coding. This device optimizes bandwidth while handling faxes, thus
allowing return channels to be used for other transmissions. It can also
handle multiple **voice** and data transmission over one data link
connection .**identifier** and compress 30 channels from a private **telephone**
 exchange, which saves money.
    Descriptors: **Voice** /data communication systems; Data communication
equipment; Bandwidth; Private **telephone** exchanges; Local area networks;
Digital signal processing; Vocoders; Communication channels (information
theory); Multiplexing; **Facsimile**
    Identifiers: Frame relay access devices (FRAD); Data link **connection**
identifiers   (DLCI)

 36/3,K/10   (Item 4 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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04191837   E.I. No: EIP95062752572
  Title: Long live the electronic receptionist ·
  Author: Constable, John
  Source: Communications International (London) v 22 n 5 May 1995. 4pp
  Publication Year: 1995
  CODEN: CINTDZ   ISSN: 0305-2109
  Language: English

Abstract: Interactive **voice** technology, now well established in the US,
is fast gaining **acceptance** in Europe as a tool to help streamline
operations. In its simplest form, an IVR...
    Descriptors: Telecommunication services; **Telephone** ; Computers; **Voice**
activated input devices; Technology; Cost effectiveness; Efficiency;
Speech   recognition

Identifiers: Interactive **voice** response systems; Electronic receptionist; **Voice** processing systems; Personal **identification** number; Automatic **call** distribution; Language **recognition** systems

36/3,K/11   (Item 5 from file: 8)

03758559   E.I. No: EIP93121144157
   Title: **Comedy in the service of science**: Maintaining motivation and attention in exploring call **waiting**
 Author: Paul, Lawrence M.
   Corporate Source: AT&T Bell Lab, Whippany, NJ, USA
   Conference Title: Proceedings of the 37th Annual Meeting the Human Factors and Ergonomics Society
   Conference   Location: Seattle,   WA,   USA   Conference   Date: 19931011-19931015
   E.I. Conference No.: 19548
   Source: Designing for Diversity Proceedings of the Human Factors and Ergonomics Society v 1 1993. Publ by Human Factors and Ergonomics Society, Inc., Santa Monica, CA, USA. p 438-442
   Publication Year: 1993
   CODEN: PHFSDQ   ISSN: 0163-5182
   Language: English

   Title: **Comedy in the service of science**: Maintaining motivation and attention in exploring call **waiting**
   Abstract: A hardware incompatibility in a **telephone   call** waiting system with direct effects on the end users required a rapid solution. Designers proposed to address this incompatibility by increasing the tone components of each **call** waiting pattern. The Human Factors Group reviewed this proposed solution and were concerned that it might lead to unacceptable durations of **call** interruption, and to discrimination problems in some cases. Experiment 1 was conducted to explore these...

...did find the longest of the lengthened patterns to be somewhat disruptive of the simulated **telephone   call** . However, the disruption caused by the longest pattern may still be marginally **acceptable** to actual users. A second study explored a different approach to solving the hardware incompatibility. New patterns were generated which maintained the **identification** levels and suggested the possibility of less **call** disruption for the longest patterns. Further work is briefly discussed (**Author** abstract) Refs.
   Descriptors: **Telephone** systems; Pattern **recognition** systems; **Speech** communication; **Speech** synthesis; Computer hardware; Computer software
   Identifiers: **Telephone   call** waiting system; Hardware incompatibility; Human factors group; Artificial caller; **Call** disruption; Distinctive **call** waiting (DCW) service

36/3,K/12   (Item 6 from file: 8)

02678322   E.I. Monthly No: EIM8811-058605
   Title: **ADAPTIVE LATTICE FILTER FOR DISTINGUISHING MODEM DATA FROM SPEECH** .
   Author: Davis, Andrew G.; Goodyear, Colin C.
   Corporate Source: Univ of Liverpool, Engl

Title: ADAPTIVE LATTICE FILTER FOR DISTINGUISHING MODEM DATA FROM SPEECH .

Abstract: There is a need for coders which detect the onset of a **modem** signal and either switch the signal to a wideband route or else modify the coding algorithm in such a way as to reduce the distortion of the **speech** band data to **acceptable** levels. This paper discusses such a coder and in **connection** with it the following subjects: spectra of training sequences in which the carrier undergoes repeated phase shifts, **identification** techniques, linear predictive filter, lattice adaptation and coder implementation. 1 ref.
Identifiers: ADAPTIVE LATTICE FILTER; TRAINING SEQUENCES; **MODEM** RATE; LINEAR PREDICTIVE FILTER

36/3,K/13   (Item 7 from file: 8)

Title: CEPSTRAL ANALYSIS TECHNIQUE FOR AUTOMATIC SPEAKER VERIFICATION .

Abstract: New techniques for automatic speaker **verification** using **telephone** **speech** are described. The operation of the system is fixed, sentence-long **utterance** . Cepstrum coefficients are extracted by means of LPC analysis successively throughout an **utterance** to form time functions, and frequency response distortions introduced by transmission systems are removed. The...

...a new time warping method using a dynamic programming technique. A decision is made to **accept** or **reject** an **identity** claim, based on the overall distance. Reference functions and decision thresholds are updated for each...

...the evaluation of the system, which include male and female utterances recorded over a conventional **telephone** **connection** . Male utterances processed by ADPCM and LPC coding systems were used together with unprocessed utterances...
Descriptors: **SPEECH** --*...

...Analysis; **TELEPHONE**
Identifiers: **TELEPHONE** **SPEECH**

36/3,K/14   (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
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03131604   JICST ACCESSION NUMBER: 97A0152145   FILE SEGMENT: JICST-E
Simple reception refusal circuit in ISDN line.
MAEBA YUKIO (1)
(1) Toshiba Corp.
Toshiba Gijutsu Kokaishu, 1997, VOL.15,NO.3, PAGE.19-20, FIG.1
JOURNAL NUMBER: L0795AAY   ISSN NO: 0288-2701
UNIVERSAL DECIMAL CLASSIFICATION: 621.395
LANGUAGE: Japanese   COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

ABSTRACT: This divice memolizes a caller **ID** of a troublesome **call** by
    using dispatcher information (caller **ID**) of ISDN line so that this
    device can **reject** those calls from the next time, and also it enable
    the person who answer a **call** to select incoming **call** by prebiously
    registered **ID** .This device also can prevent the troublesome calls or
    repeted incoming calls by a wrong...
DESCRIPTORS: **telephone** ; ...

 ... **call** loss...

 ... **identification** ;
BROADER DESCRIPTORS: **voice** communication...

 ... **recognition** ;

36/3,K/15   (Item 2 from file: 94)
DIALOG(R)File 94:JICST-EPlus
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00561495   JICST ACCESSION NUMBER: 88A0167634   FILE SEGMENT: JICST-E
An investigation on telephone **services applying I-interfaces.**
TAKEUCHI KOUICHI (1); SAKAI YOUICHI (1); KAWANOBE TADASHI (1); KOIKE
    HIDEYUKI (2)
(1) NTT, Communication and Information Processing Labs.; (2) NTT
    Kenkyugijutsukaihatsuhonbu
Denshi Joho Tsushin Gakkai Gijutsu Kenkyu Hokoku(IEIC Technical Report
    (Institute of Electronics, Information and Communication Enginners),
    1987, VOL.87,NO.260, PAGE.1-6(SE87-121), FIG.1, TBL.2, REF.1
JOURNAL NUMBER: S0532BBG
UNIVERSAL DECIMAL CLASSIFICATION: 621.395
LANGUAGE: Japanese   COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

An investigation on telephone **services applying I-interfaces.**
ABSTRACT: By supporting an I-interface, a digital **telephone** set will
    furnish with these three functions: 1) calling party **ID** aquisition,
    2) multiple media communication, 3) co-operative multiple **call**
    control. The functions can make **telephone** answering / relaying
    operations more powerful and more flexible at the terminal side. This
    report also...

...The teqniques are as follows : a) sound-figure complexed human
    interfaces which can inform realtime **call** status and can **accept**
    direct menu selection. b) **call** control algorithms which can reduce
    physical / mental stress charged to the operator.(**author** abst.)
...DESCRIPTORS: **telephone** ;
...BROADER DESCRIPTORS: **voice** communication

 36/3,K/16   (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
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00859273 E95024210007
Field trial of a speaker verification **service for caller** identity
verification **in the** telephone **network**
(Feldversuch fuer einen Sprechererkennungsdienst zur
Identitaetsverifizierung des rufenden Teilnehmers im Fernsprechnetz)
Naik, J
NYNEX Sci. and Technol., White Plains, USA
IVTTA 94, 2nd IEEE Workshop on Interactive Voice Technol. for
Telecommunications Applications, Kyoto, J, Sep 26-27, 19941994
Document type: Conference paper Language: English
Record type: Abstract
ISBN: 0-7803-2074-3

Field trial of a speaker verification **service for caller** identity
verification **in the** telephone **network**

ABSTRACT:
A field trial of a network-integrated Speaker **Verification** System was
performed in the NYNEX Public Switched **Telephone** Network in 1993-94.
Speaker **verification** was performed on all calling-card calls placed by
NYNEX customers who took part in this trial. Subsequently, a comprehensive
impostor field-trial was performed. A variety of **phones** , channel
conditions and caller/calling environments were represented in this large
field-trial. The results show that this system performed very well under
these real-world conditions. A valid user **rejection** rate of 1 %, which is
operationally very desirable, produced an equally low dedicated impostor
acceptance of 3.9 %. User surveys showed high user preference of this type
of service. This...
DESCRIPTORS: FIELD TEST; SPEAKER **IDENTIFICATION** ; AUTOMATIC **SPEECH**
RECOGNITION ; **TELEPHONE** NETWORKS; **TELEPHONE** SUBSCRIBERS; **SPEECH**
PROCESSING; **CALL** PROCESSING

 36/3,K/17   (Item 2 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
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00667403 I93021905928
Titel japanisch
(Die Kernpunkte der Telekommunikations-Personifizierung)
(The issues of telecommunication personalization)
Mizusawa, J
Tokyo Univ., Japan
Journal of the Institute of Electronics, Information and Communication
Engineers, v75, n8, pp845-854, 1992
Document type: journal article Language: Japanese
Record type: Abstract
ISSN: 0913-5693

)

ABSTRACT:
Personalization of telecommunication aims to realize person-to-person
communication, and the **author** describes improvement of telecommunication
services such as personalization in **telephone** services, ideas for
wide-range telecommunication personalization, its classification, examples
of such services and their characteristics. The **author** developed a
questionaire on these services and reviewed user needs, technical problems
and social problems. Telecommunication personalization services involve
personal **connection** using IC cards, services provided by machines using
human interfaces such as **voice** dialing, AI dialing, private calls and BGM
service, value-added personal **connection** such as **terminating call**
control (customer control) and group communications (electronic mailing
service, telecommunication by using personal computers, personal **ID**
application services and media conversion services).
DESCRIPTORS: **TELEPHONE** SERVICE; COMMUNICATION NETWORKS; INFORMATION
TRANSMISSION; COMPUTER INTERFACES; **TELEPHONE** ENGINEERING; **IDENTIFICATION**
; PCN...
IDENTIFIERS: TELECOMMUNICATION PERSONALIZATION; PERSON TO PERSON
COMMUNICATION; USER NEEDS; TECHNICAL PROBLEMS; SOCIAL PROBLEMS; IC CARDS;
VOICE DIALING; AI DIALING; PRIVATE CALLS; BGM SERVICE; VALUE ADDED
PERSONAL **CONNECTION** ; GROUP COMMUNICATIONS; ELECTRONIC MAILING SERVICE;
PERSONAL **ID** APPLICATION SERVICES; MEDIA CONVERSION SERVICES;
Kommunikation; Personifizierung

36/3,K/18   (Item 1 from file: 144)
DIALOG(R)File 144:Pascal

   12621301   PASCAL No.: 96-0313631
   Integrating voice **and data over frame relay**
   BALL D
   Memotec Communications, Inc, Unknown
   Journal: Telecommunications (International Edition), 1995, 29 (12) 3p
   Language: English

   Integrating voice **and data over frame relay**
   For the past few years, frame relay has gained in **acceptance** as a wide
area network (WAN) strategy to support integrated network-to-network
transmission requirements...

English Descriptors: Frame relay switches; Public networks; Digital **speech**
   interpolation; **Voice** compression; Network congestion; Routing; **Voice**
   traffic; Very small aperture terminal; Data link **connection**
   identifiers ; Digital mesh network; Reviews; Data communication equipment
   ; Switches; Telecommunication traffic; Information technology; Wide area
   networks; Network protocols; Pulse code modulation; Data compression;
   Telecommunication networks; Congestion control (communication); Long
   distance **telephone** systems; Cost effectiveness; **Voice** /data
   communication systems

36/3,K/19   (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00543042   99WN08-016
     Modem **/answerer does it all; Olitec Total Office Deluxe Smart Memory**
     Modem

Newman, Jeff
Windows Magazine , August 1, 1999 , v10 n8 p62, 1 Page(s)
ISSN: 1060-1066
Company Name: Olitec
Product Name: Olitec Total Office Deluxe Smart Memory **Modem**

   Modem **/answerer does it all; Olitec Total Office Deluxe Smart Memory**
Modem
   Product Name: Olitec Total Office Deluxe Smart Memory **Modem**
   Presents a very favorable review of the Olitec Total Office Deluxe Smart
Memory **Modem** ($179.95), a combination **modem** , digital answering machine,
and speakerphone from Olitec (800). Runs with IBM PC compatibles with
Windows 3.x, 95, or 98. States that the Olitec **Modem** serves as a
communication center for messages, it can operate with a PC or standalone,
and it features voicemail and **fax** functionality, as well as remote-access
capabilities. Explains that in standard PC mode, the user...

... its 16-character LCD and external buttons. Notes that the answering
machine flashes the Caller **ID** number on the PC monitor and offers the
option of **accepting** the **call** or putting it into voicemail. However,
says that it supports only one voicemail box. Awards the Olitec **Modem** the
WINDOWS Magazine WinList seal. Includes one photo and a product summary.
   Descriptors: **Modem** ; **Voice Mail** ; Telephony; Telecommunications;
 Messaging; **Facsimile** ; Peripherals
   Identifiers: Olitec Total Office Deluxe Smart Memory **Modem** ; Olitec

 36/3,K/20   (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06001149
New **telephone** services
  SINGAPORE: ST INTRODUCED NEW SERVICES
Computerworld SEA (XCK)   03 Jun 1994 P.1
Language: ENGLISH

New **telephone** services

Singapore Telecom (ST) has introduced three new **telephone** services. They
are: 1. Caller- **ID** : displays the **telephone** number of the calling party
2. Collect **Call** Screen : prevents overseas collect calls from reaching a
customer's **telephone** line 3. Fone Mail : **accepts** **voice** messages from
callers when the **telephone** line is busy or when there is no reply. *...

PRODUCT: **Telephone** Communications

 36/3,K/21   (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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05664242
CoachCall gets the message out Service contacts all on team
Parker, Penny
Denver Post, Sec A, p 27, col 5
 Aug 6, 1999
 NEWSPAPER CODE: DP
 DOCUMENT TYPE: News; Newspaper
 LANGUAGE: English   RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

ABSTRACT: CoachCall is a new automatic **phone** -calling service that will send the same message to all players and personnel on a...

...list. A coach signs up for the service, which costs $24.95 for six different **phone - call** messages, or $36.95 for 12 calls. The coach gives CoachCall a list of everyone on the **call** list and their **telephone** numbers. The system also will **accept** additional numbers for each person on the **call** list in case there's no answer at the primary **phone** number. CoachCall gives the coach a personal **identification** number. To send a broadcast message, the coach calls 1-800-795-5570 and follows the **voice** instructions. The coach records a personal message, which is sent to each person on the **call** list.

...DESCRIPTORS: **Voice** messaging systems

36/3,K/22 **(Item 2 from file: 483)**
DIALOG(R)File 483:Newspaper Abs Daily

05224869
New call **-block service is latest weapon against telemarketers**
Rosenbush, Steve
USA TODAY, Sec A, p 1, col 3
Sep 23, 1998
ISSN: 0734-7456   NEWSPAPER CODE: US
DOCUMENT TYPE: News; Newspaper
LANGUAGE: English   RECORD TYPE: ABSTRACT
LENGTH: Medium (6-18 col inches)

New call **-block service is latest weapon against telemarketers**

ABSTRACT: Telecommunications giant Ameritech Corp. Tuesday unveiled Privacy Manager, a service that lets customers automatically **reject** unwanted calls -- for a fee. "Customers are screaming for it," Ameritech CEO Richard Notebaert said...

...customers to take back their free time by gaining choice and control over every incoming **call** ." The service intercepts calls that can't be traced with Caller **ID** , then has an electronic **voice** ask the caller to state his or her name. If the caller refuses, the system automatically hangs up. If the caller complies, the network dials the customer, who can **accept** or **reject** the **call** .

...DESCRIPTORS: **Telephone** service
?

47/3,K/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC

4986592   INSPEC Abstract Number: C9508-6150C-007
 Title: **StackThreads: an abstract machine for scheduling fine-grain threads on stock CPUs**
   Author(s): Taura, K.; Matsuoka, S.; Yonezawa, A.
   Author Affiliation: Tokyo Univ., Japan
   p.121-36
   Editor(s): Ito, T.; Yonezawa, A.
   Publisher: Springer-Verlag, Berlin, Germany
   Publication Date: 1995 Country of Publication: West Germany   viii+483 pp.
   ISBN: 3 540 59172 9
   Conference   Title: Theory   and   Practice   of   Parallel   Programming.
International Workshop TPPP'94
   Conference Date: 7-9 Nov. 1994   Conference Location: Sendai, Japan
   Language: English
   Subfile: C
   Copyright 1995, IEE

   ...Abstract: of our abstract machine StackThreads. In the proposed
scheme, an asynchronous procedure invocation (a procedure **call** attached
with a thread creation) is performed in less than 10 additional RISC
instructions to normal procedure calls in traditional sequential languages
such   as   C,   as long as the thread **terminates** without blocking.
StackThreads unifies asynchronous and synchronous procedure calls, deriving
a synchronous **call** by a combination of an asynchronous **call** +explicit
synchronization between the **caller** and the **callee** . Therefore, each
thread does not have to have its own stack for intra-thread procedure...

 47/3,K/2   (Item 1 from file: 94)
DIALOG(R)File   94:JICST-EPlus

01619318   JICST ACCESSION NUMBER: 92A0763353 FILE SEGMENT: JICST-E
Discussion and an approach of personal telecommunication services from a
     point of view as a user. Discussion about adjustment of
     connect-contention between a callee **and a** caller **in** call
     -screening and protection of personal privacy.
TAKAHASHI YOSHIHIKO (1)
(1) Yamato System Development Co.,Ltd.
Denshi Joho Tsushin Gakkai Gijutsu Kenkyu Hokoku(IEIC Technical Report
     (Institute of Electronics, Information and Communication Enginners),
     1992, VOL.92,NO.213(RCS92 55-68), PAGE.37-44, FIG.7, REF.4
JOURNAL NUMBER: S0532BBG
UNIVERSAL DECIMAL CLASSIFICATION: 621.396.73
LANGUAGE: Japanese   COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

   ...**a point of view as a user. Discussion about adjustment of**
     connect-contention between a callee **and a** caller **in** call
     -screening and protection of personal privacy.
ABSTRACT: This paper discuss about adjustment of connect-contention between
     a **callee** and **caller** in **call** -screening service and protection of a
     personal privacy, by pointing out some subjects to be...

...or functions to be provided for practical personal telecommunication
services. For discussion about adjustment in **call** -screening, this
paper made a **call** - **connection** -or- **rejection** model in which a
callee 's conneting intention was prioritized primarily. Using the
model, this paper discuss about how to save a **caller** 's connecting
intention secondarily. At last, functional image of ideal
telephone-terminals for personal telecommunication...

?

Set	Items	Description
S1	72622	SPEECH OR VOICE OR UTTERANCE OR VERBAL
S2	18581	S1(3N)(RECOG? OR DETECT? OR DETERMIN? OR EVALUAT? OR ASSES? OR ANAL?)
S3	503	CALLEE
S4	6542	CALLED(3N)(PARTY OR PERSON OR INDIVIDUAL)
S5	494	ANSWERING(3N)(PARTY OR PERSON OR INDIVIDUAL)
S6	1472	S2(3N)(ASSOCIAT? OR MATCH? OR ASSOCIAT? OR CORRELAT? OR CORRESPOND?)
S7	205789	(IDENTIF? OR AUTHENT? OR APPROV? OR AUTHOR? OR ACCEPT? OR - VALIDAT? OR CONFIRM? OR VERIF? OR RECOGN?)(3N)(ID OR IDENTIFIER? OR IDENTIFICATION OR IDENTITY)
S8	3684	DESTINATION(3N)DEVICE?
S9	529	THIRD()PARTY(3N)DEVICE?
S10	12867	(ACCEPT? OR REJECT? OR TERMINAT?)(3N)(CALL OR CONNECTION)
S11	4245	VID OR VOICE()IDENTIFIER? OR RVID OR REVERSE()VOICE()IDENTIFIER??
S12	849	AU=(BROWN, M? OR MCINTYRE, J? OR PAOLINI, M? OR WEAVER, J? OR WINTERS, S? OR BROWN M? OR MCINTYRE J? OR PAOLINI M? OR WEAVER J? OR WINTERS S?)
S13	198993	PHONE? OR TELEPHONE? OR FAX OR FACSIMILE OR MODEM
S14	63951	(COMMUNICATION OR NETWORK? OR TELEPHON?)(3N)DEVICE?
S15	25618	IC=H04M?
S16	6	S3(S)S2
S17	4	S16(S)(S8 OR S13 OR S14)
S18	0	S12 AND S3
S19	11	S12 AND S2
S20	2	S19 AND S15
S21	2	S20 NOT S16
S22	2	S16 NOT (S17 OR S19)
S23	2	S3(S)S7(S)(S4 OR S5)(S)S10
S24	2	S23 NOT (S16 OR S17 OR S19)

17/3,K/1   (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01438161
Authentication token and authentication system
Authentifizierungswertmarke und Authentifizierungssystem
Jeton d'authentification et systeme d'autentification
PATENT ASSIGNEE:
  Nippon Telegraph and Telephone Corporation, (2460174), 3-1, Otemachi
    2-chome, Chiyoda-ku, Tokyo 100-8116, (JP), (Applicant designated
    States: all)
INVENTOR:
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  Ikeda, Namiko, c/o NTT Intellectual Prop Center, 9-11, Midori-cho 3-chome
    , Musashino-shi, Tokyo 180-8585, (JP)
LEGAL REPRESENTATIVE:
  Patentanwalte Wenzel & Kalkoff (100766), Grubesallee 26, 22143 Hamburg,
    (DE)
PATENT (CC, No, Kind, Date): EP 1223560 A2 020717 (Basic)
APPLICATION (CC, No, Date):   EP 2001250162 010512;
PRIORITY (CC, No, Date): JP 20015002 010112; JP 20014998 010112; JP
    20015033 010112; JP 2001103058 010402; JP 2001103066 010402; JP
    2001104331 010403
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
  LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G07C-009/00
ABSTRACT WORD COUNT: 105
NOTE:
  Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English)   200229   8694
      SPEC A   (English)   200229   26109
Total word count - document A   34803

Total word count - document B   0
Total word count - documents A + B   34803

...SPECIFICATION terminal device 501, the base station calls the callee on
the basis of the callee **telephone** number contained in the received
radio signal, and when the **telephone** of the callee responds, connects
the portable terminal **device** 501 to the **telephone** of the callee
through a channel. Voice from the **telephone** of the callee is received
by the antenna 512 as a radio signal and demodulated...

...the radio transmission/reception unit 513, and the demodulated voice
data is converted into an ·analog **voice** signal by the voice output
unit 519 and output from the speaker of the voice...

17/3,K/2   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00495042   **Image available**
**SYSTEM AND METHOD FOR SELF-ANNOUNCING A CALLER OF AN INCOMING TELEPHONE
CALL**
**SYSTEME ET PROCEDE D'ANNONCE AUTOMATIQUE DE L'APPELANT D'UN APPEL
TELEPHONIQUE ENTRANT**
Patent Applicant/Assignee:
 ADVANCED MICRO DEVICES INC,
Inventor(s):
 BORLAND David J,
Patent and Priority Information (Country, Number, Date):
 Patent: WO 9926394 A1 19990527
 Application: WO 98US10177 19980518   (PCT/WO US9810177)
 Priority Application: US 97969652 19971113
Designated States: JP AT BE CH CY DE DK ES FI FR GB GR ·IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 10636

Fulltext Availability:
 Detailed Description

Detailed Description
... incoming telephone call to the telephone users

 In order to identify the callee of the **telephone** call, the **telephone**
 system, after answering the **telephone** call, inquires the caller for the
 identity of the callee. For example, the **telephone** announces the list
 of possible callees and ask the caller to enter a numeric code
 corresponding to the callee of the **telephone** call. A callee may also be
 identified using **voice recognition** techniques. After answering a
 call, the **telephone** , using a prerecorded message, asks the caller to
 say the name of the **callee** . The **telephone** voice-processes the
 received voice signals in order to determine the identity of the **callee**
 . The **telephone** then generates a distinctive ring corresponding to the
 identified **callee** that identifies the **callee** to the **telephone** users

 In an embodiment where multiple telephones are connected on the same
 telephone line, one...Identification unit 410 prompts the caller to
 provide information on the callee, preferably by using **voice
 recognition** or the keypad

 In one embodiment. identification unit 410 prompts the caller to enter a

...you are trying to reach."
Caller: "Adam.""
ID unit: "Please wait."
Identification unit 400 performs **voice recognition** on the caller's reply to identify the **callee** . The results of the **voice recognition** are compared with the **callee** information contained in the database to more accurately determine the identity of the **callee** . Upon determining the identity of the **callee** , **callee** identification logic unit 400 sends the appropriate distinctive ring signal to distinctive ringer 430. The distinctive ring signal alerts the appropriate **callee** that the incoming call is intended for him/her. In one embodiment, if the caller does not provide input to the **callee** identification logic unit 400, the **telephone** system generates a generic ring signal

10
The flowchart of Fig. 6 describes a method...name of the name of the callee of the incoming telephone call

In that case, **voice recognition** is performed on the name to determine the identity of the **callee** . The results of the **voice recognition** are compared to stored voices of the names of all the users of **telephone** system. After the caller is identified in step 540, a distinctive ring signal is generated corresponding to the identified **callee** . The distinctive ring signal provides an immediate indication of which person in the household is...

...is useful, for example, in situations where multiple roommates in a household are sharing one **telephone** line. A distinctive ring signal identifies a particular **callee** and prevents the others from answering the **phone** . Similarly, such a feature would be useful in household with teenage children that receive many **telephone** calls. By having a distinctive ring signal, the parents could recognize calls that are intended for them and **telephone** calls that are intended for their children

In an embodiment where multiple telephones are connected...identifies the caller of the incoming telephone call. The telephone system uses caller ID information, **voice recognition** , or prompt the caller for a numeric code in order to determine the identity of...

 17/3,K/3   (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00382335   **Image available**
HYBRID PACKET-SWITCHED AND CIRCUIT-SWITCHED TELEPHONY SYSTEM
SYSTEME TELEPHONIQUE HYBRIDE A COMMUTATION DE PAQUETS ET DE CIRCUITS
Patent Applicant/Assignee:
  MCI COMMUNICATIONS CORPORATION,
Inventor(s):
  HUANG Lisheng,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9723078 A1 19970626
  Application: WO 96US19546 19961212   (PCT/WO US9619546)
  Priority Application: US 95575433 19951220
Designated States: CA JP MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
  SE
Publication Language: English

Fulltext Word Count: 5578

Fulltext Availability:
  Detailed Description

Detailed Description
... originating GC, which
  starts billing and sets up the in-band routing for both
  digitized **voice** data and **analog voice** transmission. (12)
  At this stage, either the **callee** or the caller may
  initiate the conversation. If initiated by the CEL11ee,
  the **callee** 's **telephone** sends the voice greeting to the
  terminating GC. (13) The terminating GC either rE!ceives
  is digitized voice data in a bit stream from the terminating
  LEC or digitizes the **analog voice** , and may also PE!rform
  the additional functions previously described, and then
  sends the digitized...

  17/3,K/4   (Item 3 from file: 349)
  DIALOG(R)File 349:PCT FULLTEXT
  (c) 2004 WIPO/Univentio. All rts. reserv.

  00367123   **Image available**
  GENERAL PURPOSE, PROGRAMMABLE MEDIA PROCESSOR
  PROCESSEUR POUR MEDIA PROGRAMMABLE ET UNIVERSEL
  Patent Applicant/Assignee:
    MICROUNITY SYSTEMS ENGINEERING INC,
    HANSEN Craig,
    MOUSSOURIS John,
  Inventor(s):
    HANSEN Craig,
    MOUSSOURIS John,
  Patent and Priority Information (Country, Number, Date):
    Patent: WO 9707450 A1 19970227
    Application: WO 96US13047 19960816   (PCT/WO US9613047)
    Priority Application: US 95516036 19950816
  Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
    GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ
    PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG
    AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL
    PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
  Publication Language: English
  Fulltext Word Count: 116769
  Fulltext Availability:
    Detailed Description

  Detailed Description
  ... typical media data streams is presented in the media
    spectrum 64 shown in FIG. 3. **Voice** and music transmissions are centered
    at frequencies of approximately 64 kilobits per second and one...gives
    highest priority to removable/replaceable read-only storage devices, then
    removable/replaceable read-write **devices** , then **network** interfaces,
    then non-removable storage devices.

    Cerberus Recisters
    Cerberus rcaisters are internal read/onIv and...
  ?

01136634
Web-based platform for interactive voice response (IVR)
Web-basiertes interaktives Sprachantwortsystem
Menu interactif a reponse vocale base sur le web
PATENT ASSIGNEE:
  LUCENT TECHNOLOGIES INC., (2143720), 600 Mountain Avenue, Murray Hill,
    New Jersey 07974-0636, (US), (Applicant designated States: all)
INVENTOR:
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  Schmult, Brian Carl, 4 East St., Doylestown, PA 18901, (US)
  Tuckey, Curtis Duane, 1217 W. Arthur Street, Cook, Chicago, IL 60626, (US
LEGAL REPRESENTATIVE:
  Watts, Christopher Malcolm Kelway, Dr. et al (37392), Lucent Technologies
    (UK) Ltd, 5 Mornington Road, Woodford Green Essex IG8 OTU, (GB)
PATENT (CC, No, Kind, Date):   EP 992980   A2   000412 (Basic)
                               EP 992980   A3   010523
APPLICATION (CC, No, Date):   EP 99307658 990928;
PRIORITY (CC, No, Date): US 168405 981006
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G10L-015/26; **H04M-003/493** ;   **H04M-007/00**
ABSTRACT WORD COUNT: 183
NOTE:
  Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200015	597
SPEC A	(English)	200015	8070
Total word count - document A			8667
Total word count - document B			0
Total word count - documents A + B			8667

INVENTOR:
  Brown, Michael Kenneth ...
...INTERNATIONAL PATENT CLASS: **H04M-003/493** ...

... **H04M-007/00**

...ABSTRACT Internet or other type of network includes a speech
  synthesizer, a grammar generator and a **speech** **recognizer** . The **speech**
  synthesizer generates speech which characterizes the structure and
  content of a web page retrieved over...

...from the retrieved web page to produce a grammar. The grammar is
  supplied to the **speech** **recognizer** and used to interpret voice
  commands and other speech input generated by the user. The platform may
  also include a **voice** processor which **determines** which of a number of
  predefined models best characterized a given retrieved page, such that...

...an appropriate verbal description of the page is considerably
  simplified. The speech synthesizer, grammar generator, **speech**
  recognizer and other elements of the IVR platform may be operated by a

Internet Service Provider...

...SPECIFICATION invention is an IVR platform which includes a speech synthesizer, a grammar generator and a **speech   recognizer** . The **speech** synthesizer generates speech which characterizes the structure and content of a web page retrieved over...

...the retrieved web page to produce a grammar. The grammar is then supplied to the **speech   recognizer** and used to interpret voice commands generated by the user. The grammar may also be...

...speech synthesizer to create phonetic information, such that similar phonemes are used in both the **speech   recognizer** and the **speech** synthesizer. In appropriate applications, such as name dialing directories and other applications having grammars with...

...description.
   In accordance with another aspect of the invention, the speech synthesizer, grammar generator and **speech   recognizer** , as well as other elements of the IVR platform, may be used to implement a...

...page may also include one or more hyperlinks that are to be utilized when the **speech   recognizer** rejects a given spoken user input as unrecognizable.
   An IVR platform in accordance with the...other web page information received from the HTML parser 112 to produce one or more **speech recognition** grammars which are delivered to a **speech   recognizer** 122. The **speech   recognizer** 122 receives **speech** input generated by the audio interface device 108, and utilizes the grammar produced by grammar generator 120 to **recognize** words in the **speech** . Appropriate indicators of the recognized words are then supplied to the spoken command interpreter 124...

...interconnected computers as well as other arrangements of suitable processing devices.
   The TTS synthesizer 116, **speech   recognizer** 122, spoken command interpreter 124, DTMF decoder 126, processor 130 and memory 132, as well ...or may be true tabulations. The page analysis process implemented in HTML parser 112 and **voice** processor 114 **determines** which is most likely and generates descriptions accordingly. True tabulations are described as tables. Tables...

...used to obtain menu choices.
   The grammar generator 120 in IVR platform 102 automatically generates **speech   recognition** grammar and vocabulary from the HTML of a retrieved web page. This is an important...

...grammar is compiled into an optimized finite-state network. This network is loaded into the **speech   recognizer** 122 to constrain the possible sequences of words that can be recognized. Other types of...of phonetic transcriptions in symbolic form. The same phonemes may be used in both the **speech   recognizer** 122 and the TTS synthesizer 116. The symbolic phonetic descriptions, once loaded into the recognizer...

...thus "barging in." Echo cancellation may be used to remove TTS synthesizer output from the **speech   recognition** input so that **speech recognition** will be unaffected by the TTS output. When the user speaks for a sufficiently long period, the TTS output may be interrupted, such that **speech   recognition** can be more effectively performed, and the **speech   recognizer** output is interpreted into an IVR platform command.

As part of the grammar generation process...possible subset of the
title words. The resulting GSL is compiled and optimized for the **speech
recognizer** 122. In addition, the vocabulary words used in the grammar
are phonetically transcribed using the...

...in, for example, M.K. Brown and J.G. Wilpon, "A Grammar Compiler for
Connected **Speech Recognition** ," IEEE Transactions on Signal
Processing, Vol. 39, No. 1, pp. 17-28, January 1991, which created from
hyperlink titles, making the grammar inefficient for **speech
recognition** . In accordance with the invention, this inefficiency may be
reduced in four stages of code...

...state-minimal description of the grammar, but is not necessarily the
most efficient representation for **speech recognition** . The third stage
of optimization removes all RHS grammar rule redundancy. This operation
does not...

...tables keyed on the spoken phrases. This is typically a "many-to-many"
mapping from **speech recognizer** output text to computer commands or
URLs. If more than one URL and/or command...from the user. In addition,
there may be other hyperlinks that are taken when the **speech
recognizer** rejects an **utterance** as unrecognizable. Using these basic
building blocks, a dialog system can be constructed.
  As a...

...A third default link might be taken when the utterance is not understood
since the **speech recognizer** can be configured to return a token to
indicate non-recognition. For each of the...

...CLAIMS a portion of at least one grammar; and
  utilizing the at least one grammar to **recognize speech** input.
  2. The method of claim 1 further including the step of determining which
     of...

...at least one of the speech output generating step, the grammar producing
     step and the **speech recognising** step.
  14. The apparatus of claim 12 or claim 13 further including a parser
      which...

...means for carrying out the speech output generating step, the grammar
     producing step and the **speech recognising** step are elements of an
     interactive voice response system associated with a service provider.

  16...

21/3,K/2   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01076231   **Image available**
METHOD AND SYSTEM FOR IMPLEMENTING A TELEPHONY SERVICES USING VOICE XML
**PROCEDE ET SYSTEME PERMETTANT DE METTRE EN OEUVRE DES SERVICES DE
    TELEPHONIE A L'AIDE DU XML VOCAL**
Patent Applicant/Assignee:
  INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Road, Armonk, NY
     10504, US, US (Residence), US (Nationality)
  IBM DEUTSCHLAND GMBH, Pascalstrasse 100, 70569 Stuttgart, DE, DE
     (Residence), DE (Nationality), (Designated only for: LU)
Inventor(s):

CREAMER Thomas E, 12877 Hyland Circle, Boca Raton, FL 33428, US,
JAISWAL Peeyush, 10511 Plain View Circle, Boca Raton, FL 33498, US,
MOORE Victor S, 4739 Pinetree Drive, Boynton Beach, FL 33436, US,
WINTERS Scott L , 8000 High Hollow Cove, Austin, TX 78750, US
Legal Representative:
DUSCHER Reinhard (agent), IBM Deutschland GmbH, Intellectual Property,
70548 Stuttgart, DE,

Inventor(s):
...   **WINTERS Scott L**
Main International Patent Class: **H04M-003/493**
International Patent Class: **H04M-007/00**
Fulltext Availability:
Detailed Description

Detailed Description
...   configured to support those call control and TCAP
functions. The voice interface 140 can provide **speech
recognition** as well as text-to-speech (TTS) functions.

Accordingly, speech received via the telecommunications trunk...

...140 of the media gateway 105.
Thus, the service processors 115 can access TTS and **speech
recognition** functions for implementing the telephony service
as specified by the parsed VXML script. For example, text and
recognized   speech can be used to populate fields of a VXML
script, form, and/or document.

Notably...
?

22/3,K/1   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01000380   **Image available**
**A METHOD FOR PROVIDING HYBRID VOICE AND PACKET DATA SERVICES TO A MOBILE
    STATION**
**PROCEDE POUR FOURNIR A UNE STATION MOBILE DES SERVICES HYBRIDES DE DONNEES
    VOCALES ET PAR PAQUET**
Patent Applicant/Assignee:
  SPATIAL COMMUNICATION TECHNOLOGIES INC, 1651 Glenville Drive, Suite 216,
    Richardson, TX 75081, US, US (Residence), US (Nationality), (For all
    designated states except: US)
Patent Applicant/Inventor:
  NAIM Ghassan, 5413 Naaman Forest #836, Garland, TX 75044, US, US
    (Residence), CA (Nationality), (Designated only for: US)
  HIREMATH Vijay, 16500 Lauder Lane #20201, Dallas, TX 75248, US, US
    (Residence), IN (Nationality), (Designated only for: US)
  KOHLI Pardeep, 8621 High Meadows Drive, Plano, TX 75025, US, US
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  BETRABET Arvind, 304 Shady Timbers Lane, Murphy, TX 75094, US, US
    (Residence), IN (Nationality), (Designated only for: US)
  MADHAVAPEDDY Seshagiri, 2521 Big Horn Lane, Richardson, TX 75080, US, US
    (Residence), IN (Nationality), (Designated only for: US)
Legal Representative:
  CHEN Howard (et al) (agent), Haynes & Boone, LLP, 901 Main Street, Suite
    3100, Dallas, TX 75202, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200330420 A1 20030410 (WO 0330420)
  Application: WO 2002US24952 20020807 (PCT/WO US0224952)
  Priority Application: US 2001934987 20010822
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
  RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4706

Fulltext Availability:
  Detailed Description

Detailed Description
... example of Hot Call Handling where the mobile decides to accept the
    incoming call. The **voice** call gets **detected** by the WSS 200 which
    initiates a data session from the application to the **callee** 202. Once
    the data session is established, the application server 206 informs the
    callee 202 (through the WMG, not shown) that a call is coming in and
    sends the **callee** 202 a menu (through the WMG, not shown) to choose
    from on how to handle the call. In this example, the **callee** 202 selects
    to take the call and then the call is connected from the caller 204 to
    the **callee** 202 (through the WMG, not shown).

    Referring again to Fig. 1, the mobile cellular user...

00375299   **Image available**
MULTISITE RADIO SYSTEM WITH FALSE MOBILE RADIO SIGNALLING DETECTION
SYSTEME RADIO MULTISITE AVEC DETECTION DE SIGNALISATION DE RADIOTELEPHONE
    MOBILE ERRONE
Patent Applicant/Assignee:
  ERICSSON INC,
Inventor(s):
  COOPER Gerald M,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9716042 A2 19970501
  Application: WO 96US17181 19961024   (PCT/WO US9617181)
  Priority Application: US 95548828 19951026
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI
  GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
  NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ
  UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC
  NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 7018

Fulltext Availability:
  Detailed Description

Detailed Description
... working" RF channels. The
  working channels are used to carry actual communications traffic, e.g.,
   analog FBI, digitized **voice** , digital data, etc. The RF control
  channel is used to carry digital control signals between...message
  temporarily assigns the available working channel for use by the
  requesting transceiver and other **callee** transceivers specified by the
  channel request
  message. The channel assignment message automatically directs the
  requesting (calling) transceiver and **callee** transceivers to the
  available RF
  working channel for a communications exchange. The control channel is...
?

DIALOG(R)File 349:PCT FULLTEXT
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00790975   **Image available**
**SYSTEM AND METHOD FOR INTERCONNECTING PORTABLE INFORMATION DEVICES (PDAS)
    THROUGH A DAA TELEPHONY SYSTEM**
**SYSTEME   ET   PROCEDE   PERMETTANT   D'INTERCONNECTER   DES   DISPOSITIFS
    D'INFORMATION   PORTABLES   (PDAS)   PAR   L'INTERMEDIAIRE   D'UN   SYSTEME DE
    TELECOMMUNICATION AVEC DISPOSITIF D'ACCES AU RESEAU**
Patent Applicant/Assignee:
  3COM CORPORATION, 3800 Golf Road, Rolling Meadows, IL 60008, US, US
    (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
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    , US, US (Residence), CH (Nationality), (Designated only for: US)
  SIDHU Ikhlaq S, 403 River Grove Lane, Vernon Hills, IL 60061, US, US
    (Residence), US (Nationality), (Designated only for: US)
  DEAN Frederick D, 2311 N. Greenview Avenue, Chicago, IL 60614, US, US
    (Residence), US (Nationality), (Designated only for: US)
  BELKIND Ronnen, 1960 Lincoln Park West #2503, Chicago, IL 60614, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  THYMIAN Marcus J (agent), McDonnell Boehnen Hulbert & Berghoff, 32nd
    Floor, 300 South Wacker Drive, Chicago, IL 60606, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200124503 A1 20010405 (WO 0124503)
  Application: WO 2000US26650 20000927 (PCT/WO US0026650)
  Priority Application: US 99406152 19990927
Parent Application/Grant:
  Related by Continuation to: US 99406152 19990927 (CON)
Designated States: CA
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 15137

Fulltext Availability:
  Claims

Claim
... a SIP proxy server acting as end-user location discovery agent, and a
  SIP UAS **accepting** the **call** . A successftil SIP invitation consists of
  two requests: INVITE followed by ACK. The INVITE message contains a user
  identifier to identify the **callee** , a caller user **identifier** to
  identify the caller, and a session description that informs the **called
  party** what type of media the caller can accept and where it wishes the
  media data to be sent. User **identifiers** in SIP requests are known as
  SIP addresses. SIP addresses are referred to
  as SEP...

...14
  Redirect servers process an INVITE message by sending back the SIP-LJRL
  where the **callee** i's reachable. Proxy servers perform application layer
  routing of the SIP requests and responses. A...network telephones 208a-b
  and 218a in the system 200 preferably have pre-programmed device
  identifiers (e.g. phone numbers), represented as SIP-URL's that are of

the form sip...

24/3,K/2   **(Item 2 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00790970   **Image available**
**SYSTEM AND METHOD FOR ESTABLISHING A CONFERENCE CALL ON A DATA NETWORK
    TELEPHONY SYSTEM USING A PORTABLE INFORMATION DEVICE**
**SYSTEME ET PROCEDE D'ETABLISSEMENT D'UNE CONFERENCE TELEPHONIQUE SUR UN
    SYSTEME DE TELEPHONE DE RESEAU DE DONNEES, A L'AIDE D'UN DISPOSITIF
    D'INFORMATION PORTATIF**
Patent Applicant/Assignee:
  3COM CORPORATION, 3800 Golf Road, Rolling Meadows, IL 60008, US, US
    (Residence), US (Nationality)
Inventor(s):
  SCHUSTER Guido M, Apartment 408, 1433 Perry Street, Des Plaines, IL 60016
    , US,
  SIDHU Sagan S, 403 River Grove Lane, Vernon Hills, IL 60061, US,
  SIDHU Ikhlaq S, 403 River Grove Lane, Vernon Hills, IL 60061, US,
  BELKIND Ronnen, 1960 Lincoln Park West #2503, Chicago, IL 60614, US,
Legal Representative:
  THYMIAN Marcus J (agent), McDonnell Boehnen Hulbert & Berghoff, 300 South
    Wacker Drive, 32nd Floor, Chicago, IL 60606, US,
Patent and Priority Information (Country, Number, Date):
  Patent: ·   WO 200124498 A1 20010405 (WO 0124498)
  Application: WO 2000US41020 20000927   (PCT/WO US0041020)
  Priority Application: US 99406128 19990927
Designated States: CA
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 15913

Fulltext Availability:
  Detailed Description

Detailed Description
... a SIP proxy server acting as end-user location discovery agent, and a
  SIP UAS **accepting** the **call** . A successful SIP invitation consists of
  two requests: INVITE followed by ACK. The INVITE message contains a user
  identifier to identify the **callee** , a caller user **identifier** to
  identify the caller, and a session description that informs the **called
  party** what type of media the caller can accept and where it wishes the
  media data to be sent. User **identifiers** in SIP requests are known as
  SIP addresses. SIP addresses are referred to as SIP...
?

Set	Items	Description
S1	152552	SPEECH OR VOICE OR UTTERANCE OR VERBAL
S2	79913	S1 AND (RECOG? OR DETECT? OR DETERMIN? OR EVALUAT? OR ASSE-S? OR ANAL?)
S3	907	CALLEE
S4	6817	CALLED(3N)(PARTY OR PERSON OR INDIVIDUAL)
S5	275	ANSWERING(3N)(PARTY OR PERSON OR INDIVIDUAL)
S6	19800	S2 AND (ASSOCIAT? OR MATCH? OR ASSOCIAT? OR CORRELAT? OR C-ORRESPOND?)
S7	187131	(IDENTIF? OR AUTHENT? OR APPROV? OR AUTHOR? OR ACCEPT? OR -VALIDAT? OR CONFIRM? OR VERIF? OR RECOGN?) AND (ID OR IDENTIF-IER? OR IDENTIFICATION OR IDENTITY)
S8	3102	DESTINATION(3N)DEVICE?
S9	0	THIRD()PARTY(3N)DEVICE?
S10	26862	(ACCEPT? OR REJECT? OR TERMINAT?) AND (CALL OR CONNECTION)
S11	523	VID OR VOICE()IDENTIFIER? OR RVID OR REVERSE()VOICE()IDENT-IFIER
S12	1632	AU=(BROWN, M? OR MCINTYRE, J? OR PAOLINI, M? OR WEAVER, J? OR WINTERS, S? OR BROWN M? OR MCINTYRE J? OR PAOLINI M? OR WE-AVER J? OR WINTERS S?)
S13	599639	PHONE? OR TELEPHONE? OR FAX OR FACSIMILE OR MODEM
S14	100519	(COMMUNICATION OR NETWORK? OR TELEPHON?)(3N)DEVICE?
S15	269280	IC=H04M?
S16	144	S3 AND S2
S17	23	S16 AND (S7 OR S11)
S18	2	S17 AND S10
S19	13	S12 AND S3
S20	13	S19 AND (S8 OR S13 OR S14)
S21	12	S20 NOT S18
S22	12	S21 AND AD=20011212:20040708/PR
S23	0	S21 NOT S22
S24	5	S16 AND (S4 OR S5)
S25	4	S24 NOT (S18 OR S20)
S26	0	S25 AND AD=20011212:20040708/PR
S27	4	S25 NOT S26
S28	16	S22 OR S25
S29	12	S28 AND S15
S30	1	S3 AND S11
S31	0	S30 NOT (S29 OR S18 OR S20)
S32	33	S6 AND S3
S33	32	S32 AND (S8 OR S13 OR S14)
S34	29	S33 AND S15
S35	24	S34 NOT (S29 OR S18 OR S20)
S36	1	S35 AND AD=20011212:20040708/PR
S37	23	S35 NOT S36
S38	23	IDPAT (sorted in duplicate/non-duplicate order)
S39	23	IDPAT (primary/non-duplicate records only)

DIALOG(R)File 347:JAPIO
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05422160   **Image available**
 ID   IDENTIFICATION TERMINAL

PUB. NO.:   09-036960 [JP 9036960 A]
PUBLISHED: February 07, 1997 (19970207)
INVENTOR(s):   YAMADA TOMOHIRO
               SUGIMURA TOSHIAKI
               TAKAHASHI ISAMU
               SUZUKI AKIRA
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese
               Company or Corporation), JP (Japan)
APPL. NO.:   07-188793 [JP 95188793]
FILED: July 25, 1995 (19950725)

 ID   IDENTIFICATION TERMINAL
...JAPIO KEYWORD: **Speech   Recognition** & Synthesis)

ABSTRACT
... method for response by enabling the estimation of a caller before
speaking by changing the **call   terminating** operation of a **call
terminating** terminal corresponding to a caller **ID** .

...

...SOLUTION: A terminal operation coped with the case when incoming **call**
from a specified caller **ID** occurs is previously stored in an operation
recorder 21 by a **callee** I1. When there is an incoming **call** , at the
terminal, the caller **ID** sent from a telephone network 13 is **detected** by
a caller **ID** extracting device 19. When the **detected ID** matches the
stored **ID** , it is reported to the **callee** I1 by the terminal operation
stored corresponding to the caller **ID** while using a **call** incoming
display device 16 able to execute plural incoming **call** display
operations. Based on the **call   terminating** operation at the **call**
incoming terminal, the **callee** I1 estimates the caller, decides a
responding method among such as immediately responding to it

DIALOG(R)File 350:Derwent WPIX
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015573434   **Image available**
WPI Acc No: 2003-635591/200360
XRPX Acc No: N03-505554
   Callee identification **method for telecommunication systems, involves**
   identifying callee identity **from** voice utterance **of** callee **at**
   destination device and transmitting callee identity **to origin device**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: BROWN M W; MCINTYRE J H; PAOLINI M A; WEAVER J M; WINTERS S L
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20030108159 A1 20030612 US 200115280   A   20011212 200360 B

Priority Applications (No Type Date): US 200115280 A 20011212
Patent Details:

Callee   identification **method for telecommunication systems, involves**
identifying   callee   identity **from** voice   utterance **of** callee **at**
destination device and transmitting callee   identity **to origin device**

Abstract (Basic):
...   The method involves **identifying** a **callee** identity on
   detecting a **voice** **utterance** of the **callee** at a destination
   device (44). The **callee** **identity** is transmitted as **authenticated**
   identity to origin device (40) of caller, who may decide to open
   communication with **callee** or **terminate** **call** . The caller may
   preselect a preferred **callee** , where the **call** continues only if
   caller **identity** matches preferred **callee** .
...   An INDEPENDENT CLAIM is also included for a computer program
   product for **identifying** a particular **callee** .
      ...

...Used for **callee** identification in telecommunication systems...

...The **callee** **identification** is performed without requiring use of
   intermediary network resources. The **voice** samples of callees are
   stored in the address book of the destination device. The destination
   device may access a third party server to aid in **callee** **identity**
   authentication .
      ...
...The drawing shows a block diagram of the flow of a **voice** **identifier**
   authenticated by a destination device which **callee** **identification**
   method is implemented
Title Terms: **IDENTIFY ;**
?

04393978   **Image available**
AUTOMATIC DIAL TELEPHONE SYSTEM BY DIRECTLY ASSISTANCE

                         ABSTRACT
...To provide an automatic dial telephone system which automatically places
a telephone call to a **called   party** based on a telephone number notified
from a directly assistance board in a synthetic **voice** .

...

... performs automatic dialing to the directly assistance board by
depressing the key, a means which **recognizes** and extracts a **callee**
number notified in the synthetic **voice** from the directory assistance
board by a **speech   recognition** device 7 and a pattern **recognition**
device 8, a means which stores the number in number memory 9, and a means
which performs the automatic dialing to the **callee** number stored in the
number memory 9 are provided. The automatic dialing is performed to...

... corresponding opposite number is stored in the number memory 9 by a
notice in the **voice** , and on-hook is automatically performed, then, an
operation is completed. Furthermore, the automatic dialing

03312952   **Image available**
TELEPHONE SET

ABSTRACT

PURPOSE: To attain the talking with a **callee** itself at a visiting destination by storing a telephone number of a contact place in...

...a dial signal to a line when the on-state of an external switch is **detected** so as to allow automatic dialing to the contact place even when a visitor comes during the absence of the **callee** .

...

... number stored in advance to apply automatic dialing. Moreover, the dial controller 13 throws a **voice** changeover switch 12 to the position of an external unit 20 simultaneously. When the opposite party replies in such a state, the user can talk with a **called party** leaving its home and resident in a place for a telephone set with the telephone...

... speaker 21 and an external microphone 22. Thus, a visitor visiting the home of the **callee** uses a telephone set from an outdoor place to call the **called party** at the visiting place for talking.

29/3,K/3   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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016157074   **Image available**
WPI Acc No: 2004-314961/200429
Related WPI Acc No: 2003-635592
XRPX Acc No: N04-250913
   Telephony services specifying method, involves brokering connection between origin device and external server performing caller identity authentication service, specifying caller services based on authenticated identity profile
Patent Assignee: BROWN M W (BROW-I); MCINTYRE J H (MCIN-I); PAOLINI M A (PAOL-I); WEAVER J M (WEAV-I); WINTERS S L (WINT-I)
Inventor: **BROWN M W ; MCINTYRE J H ; PAOLINI M A ; WEAVER J M ; WINTERS S L**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20040066916	A1	20040408	US 200115281	A	20011212	200429	B
			US 2003645959	A	20030822		

Priority Applications (No Type Date): US 200115281 A 20011212; US 2003645959 A 20030822
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
US 20040066916 A1	16	H04M-001/64	Div ex application US 200115281

Inventor: **BROWN M W ...**

... **MCINTYRE J H ...**

... **PAOLINI M A ...**

... **WEAVER J M ...**

... **WINTERS S L**

Abstract (Basic):
...   The method involves detecting a call initiation condition from

an origin **device** at a trusted **telephone** network. The network
brokers a connection between the device and an external server enabled
to...
...   a) a system for specifying **telephone** services...

...b) a computer program product for specifying **telephone** services...

...c) a method for informing a **callee** of a caller identity...

...d) a system for informing a **callee** of a caller identity...

...Used for specifying **telephone** services for a particular caller...

...information within the network. The method can specify services
available to a caller at any **telephony device** rather than just
those devices for which the caller is a subscriber...

... **Telephony** device (8a
Title Terms: **TELEPHONE** ;
International Patent Class (Main): **H04M-001/64**
International Patent Class (Additional): **H04M-003/42**

 29/3,K/4   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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016123664   **Image available**
WPI Acc No: 2004-281540/200426
Related WPI Acc No: 2003-597642
XRPX Acc No: N04-223188
   Telephone **service specifying method for public switching** telephone
 network, involves receiving callee **identity authenticated by origin**
 device, and specifying selection of services based on callee **profile**
Patent Assignee: BROWN M W (BROW-I); MEINTYRE J H (MEIN-I); PAOLINI M A
   (PAOL-I); WEAVER J M (WEAV-I); WINTERS S L (WINT-I)
Inventor: **BROWN M W ;** MEINTYRE J H; **PAOLINI M A ; WEAVER J M ; WINTERS**
 S L
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20040052337 A1   20040318 US 200115267   A   20011212 200426 B
                                US 2003617066   A   20030710

Priority Applications (No Type Date): US 200115267 A 20011212; US
   2003617066 A 20030710
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
US 20040052337 A1   15 H04M-001/64   Div ex application US 200115267
   Telephone **service specifying method for public switching** telephone
 network, involves receiving callee **identity authenticated by origin**
 device, and specifying selection of services based on callee **profile**
Inventor: **BROWN M W ...**

... **PAOLINI M A ...**

... **WEAVER J M ...**

... **WINTERS S L**

Abstract (Basic):
...   The method involves receiving an authenticated **callee** identify
    for a **callee** answering a call at an intermediary device, where
    identify is authenticated by an origin device. A **callee** profile is
    retrieved for the authenticated **callee** identity. A selection of
    services is specified from among a set of services that are offered for
    the call according to the **callee** profile.
...   a) a system for specifying **telephone** services for a particular
    callee
        (...
...b) a computer program product for specifying **telephone** services for a
    particular **callee** .
        ...

...Used for specifying a **telephone** service for a particular **callee** in a
    public switching **telephone** network...

...The method performs **callee** identity authentication without requiring
    use of intermediary **network** resources. The origin **device** maintains
    an address book of voice samples of callees at the origin device,
    thereby avoiding confusion about the **callee** identity
Title Terms: **TELEPHONE ;**
International Patent Class (Main): **H04M-001/64**
International Patent Class (Additional): **H04M-003/42**

 29/3,K/5   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015715749   **Image available**
WPI Acc No: 2003-777949/200373
XRPX Acc No: N03-623450
  **Call regulation method for telecommunication network, involves regulating
  communication channel between caller and** callee **, according to criteria
  in application server which is connected external to telecommunication
  network**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **BROWN M W ; MCINTYRE J H ; PAOLINI M A ; WEAVER J M ;
  WINTERS S L**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20030156695 A1   20030821 US 200281017   A   20020221 200373 B

Priority Applications (No Type Date): US 200281017 A 20020221
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20030156695 A1   26 H04M-003/00
  **Call regulation method for telecommunication network, involves regulating
  communication channel between caller and** callee **, according to criteria
  in application server which is connected external to telecommunication
  network**
Inventor: **BROWN M W ...**

... **MCINTYRE J H ...**

... **PAOLINI M A ...**

... **WEAVER J M** ...

... **WINTERS S L**

Abstract (Basic):
...   Identities of a caller and a **callee** logged into receive a call
     are determined. The communication channel between the caller and the
      callee , is regulated according to the selected criteria in any one of
     application server (22,24,26,28) connected external to the
     telecommunication network such as public switching **telephone** network
     (PSTN) (10) which is accessed by a network (20).
...   For telecommunication networks used to provide **telephone**
     services, wireless services and cellular service...
...improved telecommunication network with improved call party
     identification, by regulating communication channel between caller and
      callee based on selected criteria...
International Patent Class (Main): **H04M-003/00**

 29/3,K/6   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015597517   **Image available**
WPI Acc No: 2003-659672/200362
XRPX Acc No: N03-525962
  **Call party identification method in telecommunication system, involves
  detecting voice authenticated identifier for incoming calling party, to
  filter context comprising identities of caller and** callee **for current
  call**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **BROWN M W ;   MCINTYRE J H ;   PAOLINI M A ;   WINTERS S L**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030112949	A1	20030619	US 200123409	A	20011217	200362	B

Priority Applications (No Type Date): US 200123409 A 20011217
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030112949	A1		24	H04M-003/42	

... **voice authenticated identifier for incoming calling party, to filter
  context comprising identities of caller and** callee **for current call**
Inventor: **BROWN M W** ...
... **MCINTYRE J H** ...

... **PAOLINI M A** ...

... **WINTERS S L**

Abstract (Basic):
...   A context comprising caller and **callee** identities, their
     respective device identities and locations, is identified for a current
     call. A voice...
...   For use in telecommunication system to identify call party in
     public switching **telephone** network (PSTN), using internet, intranet
     and private network...
International Patent Class (Main): **H04M-003/42**

015597510   **Image available**
WPI Acc No: 2003-659665/200362
XRPX Acc No: N03-525955
  Call context identifying method in telephone **services, involves
  identifying call context from context clues, such that called/** callee
  party is enabled to receive call context
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **BROWN M W ;   MCINTYRE J H ;   PAOLINI M A ;   WEAVER J M ;
  WINTERS S L**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20030112941 A1 20030619 US 200122160   A   20011217 200362 B

Priority Applications (No Type Date): US 200122160 A 20011217
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20030112941 A1   26 H04M-003/00
  Call context identifying method in telephone **services, involves
  identifying call context from context clues, such that called/** callee
  party is enabled to receive call context
Inventor: **BROWN M W ...**

... MCINTYRE J H ...

... PAOLINI M A ...

... WEAVER J M ...

... WINTERS S L

Abstract (Basic):
...   for the call is identified from the context clues, such that the
  called or the **callee** party is enabled to receive the context of the
  call. The context for call includes identity of caller/ **callee** ,
  device, owner and billing plan for the call.
...   For identifying context for call in **telephone** services
  including cellular and other wireless services through public switching
  telephone network (PSTN), wireless network and private network...

...By authenticating the actual identity of the caller or **callee** , rather
  than identification of the called device, enhanced specialization of
  services is performed to subscribers...
...Title Terms: **TELEPHONE ;**
International Patent Class (Main): **H04M-003/00**

015583305   **Image available**
WPI Acc No: 2003-645462/200361
XRPX Acc No: N03-513538
  Billing method for telephone **service, involves distributing charge for**
  telephone **service among caller billing plan and** callee **billing plan,**

so that both caller and callee **pay for received** telephone **service**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **BROWN M W ; MCINTYRE J H ; PAOLINI M A ; WEAVER J M ;**
  WINTERS S L
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20030114142 A1   20030619 US 200123404   A   20011217 200361 B

Priority Applications (No Type Date): US 200123404 A 20011217
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20030114142 A1   19 H04M-001/00
  Billing method for telephone **service, involves distributing charge for**
  telephone **service among caller billing plan and** callee **billing plan,**
  so that both caller and callee **pay for received** telephone **service**
Inventor: **BROWN M W ...**

... **MCINTYRE J H ...**

... **PAOLINI M A ...**

... **WEAVER J M ...**

... **WINTERS S L**

Abstract (Basic):
...   A caller billing plan of a caller (40) and a **callee** billing
    plan of a **callee** (44), are identified and loaded according to
    authenticated identity of the caller and **callee** , in response to call
    request. Charge for **telephone** service including long distance
    service, collect calling service and wireless **telephone** service, is
    distributed among the plans, so that both caller and **callee** pay for
    the **telephone** service.
...   2) computer program product for billing for **telephone** service
    ...

...For billing for **telephone** service...
...Enables to distribute cost of long distance service among the caller and
    the **callee** efficiently...

... **callee** (44
...Title Terms: **TELEPHONE ;**
International Patent Class (Main): **H04M-001/00**

 29/3,K/9   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015583296   **Image available**
WPI Acc No: 2003-645453/200361   .
XRPX Acc No: N03-513531
  Identification data fraudulent prediction method for credit card
  authentication applications, involves analyzing content comprising
  caller/ callee **identity, to specify suspicion level of fraudulent use of**
  identification data
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **BROWN M W ; MCINTYRE J H ; PAOLINI M A ; WEAVER J M ;**

WINTERS S L
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030112942	A1	20030619	US 200122165	A	20011217	200361	B

Priority Applications (No Type Date): US 200122165 A 20011217
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030112942	A1		24	H04M-003/00	

   **Identification data fraudulent prediction method for credit card
   authentication applications, involves analyzing content comprising
   caller/** callee **identity, to specify suspicion level of fraudulent use of
   identification data**
Inventor: **BROWN M W ...**

... **MCINTYRE J H ...**

... **PAOLINI M A ...**

... **WEAVER J M ...**

... **WINTERS S L**

Abstract (Basic):
...   The content comprising a caller/ **callee** identity, location,
   service requested for access, is detected from a content inference
   service (51) executing within a trusted **telephone** network. The
   content is analyzed at a fraud protection service (55) for identifying
   the caller...
...   applications e.g. for in-store purchase, for accessing web-based
   service, web merchant purchase, **telephone** purchase, using network
   e.g. Internet, intranet...

...Prevents the misuse of identification data by authenticating the
   identity of the caller and the **callee** . Protects the usage of credit
   card account by performing voice authentication, signature
   authentication, credit card...
International Patent Class (Main): **H04M-003/00**

 29/3,K/10   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015583295   **Image available**
WPI Acc No: 2003-645452/200361
XRPX Acc No: N03-513530
   Telephone **service billing method involves authenticating identity of
   callee , when profile comprising line subscriber billing plan for
   destination number is loaded and accordingly accessing billing plan to
   callee**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **BROWN M W ;   MCINTYRE J H ;   PAOLINI M A ;   WEAVER J M ;
   WINTERS S L**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030112935	A1	20030619	US 200123407	A	20011217	200361	B

Priority Applications (No Type Date): US 200123407 A 20011217
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20030112935 A1   23 H04M-015/00
   Telephone **service billing method involves authenticating identity of**
   callee **, when profile comprising line subscriber billing plan for**
   destination number is loaded and accordingly accessing billing plan to
   callee
Inventor: **BROWN M W** ...

... **MCINTYRE J H** ...

... **PAOLINI M A** ...

... **WEAVER J M** ...

... **WINTERS S L**

Abstract (Basic):
...   destination line number, is loaded based on a reception of a
   call processing request from **callee** . The identity of **callee** is
   authenticated and the billing plan corresponding to the **callee** is
   accessed for charging.
...   1) **telephone** service billing system...

...2) computer program product for **telephone** service billing...

...3) **callee** specified **telephone** service method...
...4) **callee** specified **telephone** servicing system...

...5) computer program product for **callee** specified **telephone** service
   ...

...6) **telephone** service control method...

...For **telephone** service billing in public switching **telephone** network
   (PSTN), wireless networks and private networks...

...The **callee** utilizing the wireless **telephone** line **device** will be
   billed for the minutes utilized and for the service provided, rather
   than billing the wireless **telephone** line subscriber for those minutes
   utilized by **callee** , thus multiple people may utilize a single
   wireless device and bill for use is separated...

...The figure shows a flowchart explaining the **telephone** service billing
   process...
Title Terms: **TELEPHONE ;**
International Patent Class (Main): **H04M-015/00**

 29/3,K/11   (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015535493   **Image available**
WPI Acc No: 2003-597643/200356
XRPX Acc No: N03-476340
   Callee **identifying method, involves identifying** callee **associated**
   with voice utterance at server, such that callee **identity is**
   transmitted as authenticated identity of callee **for one call**

   Callee **identifying method, involves identifying** callee **associated
   with voice utterance at server, such that** callee **identity is
   transmitted as authenticated identity of** callee **for one call**
Inventor: **BROWN M W ...**

... **MCINTYRE J H ...**

... **PAOLINI M A ...**

... **WEAVER J M ...**

... **WINTERS S L**

Abstract (Basic):
...   The method involves receiving a voice utterance through a
   channel for a **callee** at a server external to a trusted **telephone**
   network that is processing a call to the **callee** . The **callee**
   associated with the voice utterance at the·server is then identified,
   such that the **callee** identity is transmitted as an authenticated
   identity of the **callee** for a call.
...   1) a system for identifying a particular **callee** .
        (...

...2) a computer program product for externally identifying a particular
   callee
        (...

...3) a method for specifying **telephone** services for a particular **callee**

        (...

...4) a system for specifying **telephone** services for a particular **callee**

        (...

...5) a computer program product for specifying **telephone** services for a
   particular **callee**
        (...

...6) a method for informing a caller of a **callee** identity...

...7) a system for informing a caller of a **callee** identity...

...8) a computer program product for informing a caller of a **callee**
   identity...

...Used for identifying a particular **callee** .
        ...

...a calling party with the identity of the person answering a call e.g.
the **callee** . The method also specifies the services available to the
callee at any **telephony device** according to the identity of the
callee .
...

...The drawing shows a block diagram of a network environment in which the
callee identifying method is incorporated
International Patent Class (Main): **H04M-001/64**

29/3,K/12 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015535492 **Image available**
WPI Acc No: 2003-597642/200356
Related WPI Acc No: 2004-281540
XRPX Acc No: N03-476339
Callee **identifying method, involves identifying caller associated with
voice utterance at origin device such that his identity is transmittable
as authenticated identity**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **BROWN M W ; MCINTYRE J H ; PAOLINI M A ; WEAVER J M ;
WINTERS S L**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20030108158 A1   20030612 US 200115267   A   20011212 200356 B

Priority Applications (No Type Date): US 200115267 A 20011212
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 20030108158 A1   16 H04M-001/64
Callee **identifying method, involves identifying caller associated with
voice utterance at origin device such that his...**
Inventor: **BROWN M W ...**

... **MCINTYRE J H ...**

... **PAOLINI M A ...**

... **WEAVER J M ...**

... **WINTERS S L**

Abstract (Basic):
...   The method involves detecting a voice utterance of a **callee**
from a **destination device** , at an origin device. A **callee** identity
associated with a voice utterance is identified such that the identity
is transmittable as...
...   a) a system for identifying a particular **callee**
(...

...b) a computer program product for identifying a particular **callee**
(...

...c) a method for specifying **telephone** services for a particular **callee**

(...

...d) a system for specifying **telephone** services for a particular **callee**

(...

...e) a computer program product for specifying **telephone** services for a
particular **callee** .

...

...party may decide whether to speak to the person answering the call or
not. The **callee** identity authentication is performed without
requiring use of intermediary network resources...
...The drawing shows a block diagram of a network environment in which the
callee identifying method may be implemented
International Patent Class (Main): **H04M-001/64**
?

015384705   **Image available**
WPI Acc No: 2003-445648/200342
    Voice   recognition   telephone   **exchange system and** voice
  recognition   telephone **exchange method using the same**
Patent Assignee: COMPUTER SOLUTION TECHNOLOGY CO LTD (COMP-N); CS
  TECHNOLOGY CO LTD (CSTE-N)
Inventor: KIM W J; PARK S C
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2002092549	A	20021212	KR 200131212	A	20010604	200342	B
KR 396817	B	20030902	KR 200131212	A	20010604	200412	

Priority Applications (No Type Date): KR 200131212 A 20010604
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002092549	A		1	H04M-011/00	
KR 396817	B			H04M-011/00	Previous Publ. patent KR 2002092549

    Voice   recognition   telephone   **exchange system and** voice
  recognition   telephone **exchange method using the same**
Abstract (Basic):
...   A **voice** · **recognition**   **telephone** exchange system and a **voice**
    recognition   **telephone** exchange method using the same are provided
  to increase the use convenience of a caller by adopting an exchange
  method by **voice**   **recognition** .
...   A reference **voice** for **voice**   **recognition** is inputted(S110).
  A reception-side **telephone** number is inputted(S115). An automatic
  response **voice** by the reception-side **telephone** number is
  transmitted to a caller(S120). The caller inputs a desired
  reception-side exchange number as a **voice** (S125). It is judged whether
  the inputted **voice** is **recognized** by a **voice**   **recognition**
  board(S130). If the **voice**   **recognition** is normally performed, A
  PSTN(Public Switched **Telephone** Network) number, an IP number, or a
  mobile **phone** number **corresponding** to the reference **voice** is
  retrieved(S150). It is confirmed whether a number **corresponding** to
  the reference **voice** exists(S155). If the number **corresponding** to
  the reference **voice** exists, it is judged whether the **corresponding**
  number is an extension number(S160). If the **corresponding** number is
  the extension number, the caller connects to a **callee** of the
  corresponding extension number to perform a call(S165). If the
  corresponding number is not the extension number, it is judged whether
  the **corresponding** number is an IP number(S170). If the **corresponding**
   number is the IP number, the caller connects to the **callee** of the
  corresponding IP number to perform the call(S175). If the
  corresponding number is not the IP number, it is judged whether the
  corresponding number is a PSTN number(S180). If the **corresponding**
  number is the PSTN number, the caller connects to the **callee** of the
  corresponding PSTN number to perform the call(S185). If the
  corresponding number is not the PSTN number, the caller connects to
  the **callee** of a **corresponding** mobile **phone** number to perform the
  call(S190...
Title Terms: **VOICE** ;
International Patent Class (Main): **H04M-011/00**

DIALOG(R)File 350:Derwent WPIX

015000304   **Image available**
WPI Acc No: 2003-060819/200306
XRPX Acc No: N03-047012
   **Session initiation protocol routing using voice cookies e.g. for
   intelligent call routing in internet telephony systems, involves
   establishing SIP between calling and called points and SIP server
   receiving SIP INVITE request**
Patent Assignee: ALCATEL (COGE); ALCATEL ALSTHOM CIE GEN ELECTRICITE
   (COGE); WENGROVITZ M (WENG-I)
Inventor: WENGROVITZ M
Number of Countries: 029 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1248439	A2	20021009	EP 2002400024	A	20020402	200306	B
US 20020147818	A1	20021010	US 2001281885	P	20010404	200306	
			US 200116338	A	20011205		
JP 2003022223	A	20030124	JP 200299939	A	20020402	200318	
CN 1417989	A	20030514	CN 2002126600	A	20020404	200355	

Priority Applications (No Type Date): US 200116338 A 20011205; US
   2001281885 P 20010404
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1248439	A2	E	15	H04L-029/06	

   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI TR

US 20020147818	A1			B32B-009/00	Provisional application US 2001281885
JP 2003022223	A		42	G06F-013/00	
CN 1417989	A			H04L-029/06	

   **Session initiation protocol routing using voice cookies e.g. for
   intelligent call routing in internet telephony systems, involves
   establishing SIP between...**

Abstract (Basic):
...   SIP INVITE request and responds by transmitting to the calling
   end point a HTML link **associated** with a web server. The contents of
   the HTML link, the calling end point transmits an HTTP request to the
   web server including **voice** cookie information. The **voice** cookie
   information includes information gathered about the caller profile
   information, transition information, caller intent information, or
   recent and past history **associated** with a web site domain.
...   Allows more intelligent **determination** of **callee**, address
   when only using standard routing information...
...Title Terms: **VOICE** ;
...International Patent Class (Additional): **H04M-003/00** ...

... **H04M-003/42** ...

... **H04M-011/00**

DIALOG(R)File 350:Derwent WPIX

011761923   **Image available**
WPI Acc No: 1998-178833/199816
XRPX Acc No: N98-141538
  **Caller ID method incorporating Internet address - providing Internet
  address to customer premises during first and second rings of call for
  incorporation in voice mail etc**
Patent Assignee: US WEST INC (USWU-N)
Inventor: SRINIVASAN T
Number of Countries: 001   Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5724412   A   19980303 US 96727161   A   19961007 199816 B

Priority Applications (No Type Date): US 96727161 A 19961007
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
US 5724412   A   15 H04M-011/00
... **Internet address to customer premises during first and second rings of
  call for incorporation in voice mail etc**

...Abstract (Basic): The method for providing to a **callee** an Internet
   identification of a telephony caller involves storing Internet
   identification data items **corresponding** to Internet users and
   providing it for use in Internet communication with the **corresponding**
   Internet user. A call is received at a telephony central office and the
   caller's **phone** number is **determined** . A request from the central
   office is submitted to the stored Internet ID data items...

...caller. The request includes information related to either the name of
   the caller or his **phone** number. The ID information is received at the
   central office and transmitted to the caller to a **telephone** for the
   callee during a ringing of the **telephone** . The caller's Internet ID
   is presented to the **callee** either audible or visually when the
   callee accesses the **telephone** .
       . . .

...ADVANTAGE - Allows Internet address to be incorporated into **voice** mail
   or other caller ID information for later use
...Title Terms: **VOICE ;**
International Patent Class (Main): **H04M-011/00**

 39/3,K/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009509939
WPI Acc No: 1993-203475/199325
XRPX Acc No: N93-156509
  **Interception of phone calls deemed to be important - defining given
  criteria e.g. via key-pad for incoming messages, which are intercepted
  during called user's absence, or while receiving other call etc**
Patent Assignee: ANONYMOUS (ANON)
Number of Countries: 001   Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
RD 349085   A   19930510 RD 93349085   A   19930420 199325 B

Priority Applications (No Type Date): RD 93349085 A 19930420

Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
RD 349085   A   1 H04M-000/00
   .Interception of phone calls deemed to be important...

...Abstract (Basic): The method involves configuring message content with
   voice prints or content by a string specification specified by **voice**
   or keypad. After configuration is complete, a user's receiving
   telephone connection can establish a successful connect, when a caller
   calls during the caller's absence...

...device may also provide information of who the caller is and/or which
   criteria was **matched** . The **callee** can then invoke a function for
   immediately establishing the **phone** call with the caller in process of
   leaving a message. When a **callee**   **recognises** that a caller may be
   leaving a message on the **phone** message service, the **callee** can
   immediately depress the required key(s) for automatically connecting
   the **phone** call. Alternatively **voice** controlled call interception
   may be used...

...USE/ADVANTAGE - E.g. for user who returns to **telephone** while message
   is being dictated to answering machine, or if message arrives while
   answering another...
...Title Terms: **TELEPHONE** ;
International Patent Class (Main): **H04M-000/00**

 39/3,K/5   **(Item 5 from file: 347)**
DIALOG(R)File 347:JAPIO
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06413770   **Image available**
COMMUNICATION TERMINAL EQUIPMENT

PUB. NO.:   11-355428 [JP 11355428 A]
PUBLISHED: December 24, 1999 (19991224)
INVENTOR(s):   ASAI NORIHIKO
APPLICANT(s): BROTHER IND LTD
APPL. NO.:   10-158865 [JP 98158865]
FILED: June 08, 1998 (19980608)

INTL CLASS: **H04M-001/64** ; **H04M-001/57**

ABSTRACT
PROBLEM TO BE SOLVED: To provide a communication terminal equipment by
which a **callee** can accurately confirm a caller and can transmit the
intention of an urgent callback to...

... an incoming call while an automatic answering function is in operation
(S1: YES), a caller **telephone** number discrimination means **detects** an
added caller **telephone** number (S2). In the case that the caller
 telephone number is registered in a **telephone** number data table
(S2:YES), a 'name' and 'message type' **corresponding** to data of a '
 telephone number' in **matching** with the caller **telephone** number are
read from the **telephone** number data table and a reply message
 corresponding to each 'message type' **corresponding** to the caller
 telephone number and the caller name is sent to a **telephone** line via a
reply message transmission means and a **speech** circuit 7 (S3-S7). Then the
message is recorded and the **telephone** line is open (S8-S9).

39/3,K/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

05993183   **Image available**
CALL TARIFF NOTIFYING TERMINAL

PUB. NO.:   10-276283 [JP 10276283 A]
PUBLISHED: October 13, 1998 (19981013)
INVENTOR(s): TANAKA SHIGEYUKI
APPLICANT(s): SANYO ELECTRIC CO LTD [000188] (A Japanese Company or
              Corporation), JP (Japan)
              TOTTORI SANYO ELECTRIC CO LTD [323436] (A Japanese Company or
              Corporation), JP (Japan)
APPL. NO.:   09-078332 [JP 9778332]
FILED: March 28, 1997 (19970328)

INTL CLASS: **H04M-015/30**
...JAPIO CLASS: **Telephone**)
...JAPIO KEYWORD: **Speech   Recognition** & Synthesis); R131 (INFORMATION
              PROCESSING

ABSTRACT
PROBLEM TO BE SOLVED: To notify a **callee** or an uncontracted caller of a
call tariff by calculating the call tariff from a...
...SOLUTION: When a control circuit 4 **detects** the **telephone** number of
caller through a **telephone** number **detection** circuit 3, this is stored
in a RAM 11. Then, when the pickup of hand set 8 is **detected** , counting
for call tariff calculation is started. Further, calling time for the unit
of 10 yen is calculated **corresponding** to the area code and local station
number of the **telephone** number of caller and the current data and time
due to the timer from a...

... yen and the passage of time after off-hook and this is displayed. Thus,
by **detecting** the caller number, even a **callee** can know the call tariff.

39/3,K/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

05810638   **Image available**
CALL TARIFF COLLECTING METHOD AND ISDN TERMINAL

PUB. NO.:   10-093738 [JP 10093738 A]
PUBLISHED: April 10, 1998 (19980410)
INVENTOR(s): SUKAI NAOKI
              ARAI MASATO
              KUWABARA TERUO
              HORIBA MITSURU
              YAMADA TAKAHIRO
              HASEGAWA TORU
APPLICANT(s): ANRITSU CORP [330013] (A Japanese Company or Corporation), JP
              (Japan)
              NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese
              Company or Corporation), JP (Japan)
              N T T FUANETSUTO SYST KK [000000] (A Japanese Company or

ABSTRACT
PROBLEM TO BE SOLVED: To enable use of an existing **analog** tariff collecting type **telephone** set, even when an **analog** line is changed to an ISDN line and a terminal is extended...

...SOLUTION: An ISDN **telephone** set 30 as an ISDN terminal receives a dial signal from an **analog** tariff collecting type **telephone** set 10, transmits a call setup message to call a **callee** , **corresponding** to the dial signal to an ISDN line network after obtaining charging information **corresponding** to the dial signal from a charging information center 20, connects a **speech** path of the tariff collecting type **telephone** set 10 and an information channel of the ISDN line together and simultaneously starts outputting a storage signal to the tariff collecting type **telephone** set 10 in a charging timing, based on the obtained charging information when the **callee** responds.

39/3,K/8   (Item 8 from file: 347)

05782694   **Image available**
AUTOMATIC ANSWERING TELEPHONY SYSTEM

ABSTRACT
... accurately perform remote control by inserting a filter with which a signal inputted to a **voice recognizing** means has frequency characteristics equal to a signal sent through a **telephone** line when registering a **voice** sample in the **voice recognizing** means...
...SOLUTION: A **callee** changes operation to a **voice recognition** register mode by an operating means 13. Then, a switch 12 is changed over to...

...control means 7, and a microphone 10 is connected through a filter 11 to a **voice recognizing** means 5. The frequency characteristics of the filter 11 are set to be difference between the input frequency characteristics of the microphone 10 and the frequency characteristics of a **telephone** line 1. Thus, when inputting a **voice** signal inputted from the microphone 10 to the means 5, this signal becomes the frequency...

... In such a state, a prescribed instruction is registered in the means 5 as a **voice** sample in **voice** , and the operation of automatic answering telephony system **corresponding** to that prescribed **voice** instruction is registered in the means 5 by using the means 13. Thus, at the time of remote control, the system is exactly operated from the line 1 **corresponding** to the **voice** instruction.

39/3,K/9   (Item 9 from file: 347)
DIALOG(R)File 347:JAPIO
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05669628   **Image available**
CHARGING SYSTEM

PUB. NO.:   09-284428 [JP 9284428 A]
PUBLISHED: October 31, 1997 (19971031)
INVENTOR(s):   ADACHI TSUKASA
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   08-092560 [JP 9692560]
FILED: April 15, 1996 (19960415)

INTL CLASS: **H04M-015/08 ; H04M-003/42**
...JAPIO CLASS: **Telephone**); 36.4 (LABOR SAVING DEVICES

ABSTRACT
PROBLEM TO BE SOLVED: To speedily execute a calling and communication with a **callee** side to charge the **callee** side and to charge only a prescribed caller side at the **callee** side...

...SOLUTION: A call-incoming terminal equipment 3 is provided with a **telephone** number **detection** part 32 **detecting** the **telephone** number of a caller reported from a communication network 2, a memory 33 registering the **telephone** number of a prescribed caller and a control part 35 loopback-transmitting to a call-originating terminal equipment 1 **corresponding** to the **telephone** number of the caller when the **telephone** number of the caller **detected** by the **detection** part 32 is registered in the memory 33. Thus, it is possible to speedily shift to a **speech** or communication to charge the **callee** side and to charge only to a call originated from a prescribed caller at the call-incoming destination only by directly dialing the **telephone** number of the **callee** terminal without calling a switch-board at the time of charging the **callee** side in the caller side.

39/3,K/10   (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

05376118   **Image available**
PRIVATE BRANCH **TELEPHONE** SYSTEM AND INFORMATION PROCESSING METHOD FOR SAME

PUB. NO.:   08-331618 [JP 8331618 A]
PUBLISHED: December 13, 1996 (19961213)
INVENTOR(s):   ITO YUJI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company
               or Corporation), JP (Japan)
APPL. NO.:   07-139098 [JP 95139098]

FILED: June 06, 1995 (19950606)

PRIVATE BRANCH **TELEPHONE** SYSTEM AND INFORMATION PROCESSING METHOD FOR
SAME

INTL CLASS: H04Q-003/58; **H04M-003/42** ; **H04M-003/54** ; H04Q-003/545
...JAPIO CLASS: **Telephone**); 36.4 (LABOR SAVING DEVICES
...JAPIO KEYWORD: **Speech   Recognition** & Synthesis); R116 (ELECTRONIC
              MATERIALS

ABSTRACT
PURPOSE: To improve convenience for a user by automatically transferring a
 telephone call while being linked with a computer by identifying a
speaker **corresponding** to the **voice** of the user and generating a word
group for guidance, etc., decided in advance for...

... is executed. Then, the screen of a display device at an extension
terminal (multi-functional **telephone** set) 6 of the user (caller or
 callee) is turned on. The user transmits an instruction on the
distribution on ordinary time and...

... a computer 7 according to the instruction on the screen or the guidance
of synthetic voice from a **voice** synthesizer 12. The computer 7
preserves those instructed contents in an external storage device 8...

...is waited. When there is an incoming call, the guidance is let flow from
the **voice** synthesizer 12. When the caller originates a call, speaker
identifying processing is performed. When any...

 39/3,K/11   **(Item 11 from file: 347)**
DIALOG(R)File 347:JAPIO
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05020040   **Image available**
RESPONSE MESSAGE COLLECTING AND TRANSMITTING DEVICE

PUB. NO.:   07-312640 [JP 7312640 A]
PUBLISHED: November 28, 1995 (19951128)
INVENTOR(s):   HONMA SHIGERU
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese
               Company or Corporation), JP (Japan)
APPL. NO.:   06-125867 [JP 94125867]
FILED: May 17, 1994 (19940517)

INTL CLASS: **H04M-001/64** ; **H04M-001/65** ; **H04M-011/10**
...JAPIO CLASS: **Telephone**)

ABSTRACT
...message as if spoken by a human response by providing a message exchange
monitoring part, **voice** block segmenting part, response message storage
part and response message generating part or the like...

... a main control part 1 is turned to an automatic response mode, and an
incoming **detecting** part 2 transmits the incoming result to the main
control part 1. The main control...

... incoming call and transmits that response message through a speech
circuit part 5 to a **telephone** line while **matching** timing from calling
start to the response equally with the time of collecting that response...

... In this case, a sound recording and reproducing part 10 records all messages between a **callee** and the opposite party from the start of the response. When a mode switcher 11c...

39/3,K/12   (Item 12 from file: 347)
DIALOG(R)File 347:JAPIO
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05010682   **Image available**
SIMPLE TYPE PORTABLE **TELEPHONE** SET

PUB. NO.:   07-303282 [JP 7303282 A]
PUBLISHED: November 14, 1995 (19951114)
INVENTOR(s):   ADACHI TADASHI
APPLICANT(s): AIWA CO LTD [358393] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   06-096292 [JP 9496292]
FILED: May 10, 1994 (19940510)

SIMPLE TYPE PORTABLE **TELEPHONE** SET

INTL CLASS: H04Q-007/38; **H04M-001/00**
...JAPIO CLASS: **Telephone**)
...JAPIO KEYWORD: **Speech   Recognition** & Synthesis)

ABSTRACT
...recording mode is set and to display this message on a display part on a
callee   side at the time of receiving the code for the message from the
caller side...
... means of the contents of the message on the display part. Furthermore,
specifying key code **corresponding** to a **telephone** number on the caller
side among specified key codes is read so as to automatically...

39/3,K/13   (Item 13 from file: 347)
DIALOG(R)File 347:JAPIO
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04855008   **Image available**
EXCHANGE WITH CALLING CONFIRMING FUNCTION

PUB. NO.:   07-147608 [JP 7147608 A]
PUBLISHED: June 06, 1995 (19950606)
INVENTOR(s):   KANEKO MINORU
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or
               Corporation), JP (Japan)
APPL. NO.:   05-293504 [JP 93293504]
FILED: November 24, 1993 (19931124)

INTL CLASS: **H04M-003/42**
...JAPIO CLASS: **Telephone**); 36.4 (LABOR SAVING DEVICES
...JAPIO KEYWORD: **Speech   Recognition** & Synthesis)

ABSTRACT
... function so as to avoid misdial by confirming whether a caller dials a
really intended **callee** or not before the **callee** dialed by the caller is
called...

...is provided with an exchange controller 5 for previously registering and
storing a message for **callee** confirmation **corresponding** to the
telephone number of the **callee** , **voice** synthesizer 6 for converting
the message for **callee** confirmation to **voice** signals and returning them
to the caller correpsonding to the instruction of the exchange controller 5
when the caller calls the **callee** , **voice** **recognizing** device 7 for
analyzing / **recognizing** the **voice** signals of the caller in response to
the message for **callee** confirmation, and exchange controller 5 for
selectively performing the call incoming or disconnecting operation of the
callee **corresponding** to the **recognized** result.

 39/3,K/14 (Item 14 from file: 347)
DIALOG(R)File 347:JAPIO
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04717998 **Image available**
AUTOMATIC ANSWERING **TELEPHONE** SYSTEM

PUB. NO.:   06-188998 [JP 6188998 A]
PUBLISHED: July 08, 1994 (19940708)
INVENTOR(s):   NISHI HIROYUKI
               HONMA SHIGERU
               KITAI MIKIO
               ARAI KAZUHIRO
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese
               Company or Corporation), JP (Japan)
APPL. NO.:   04-338630 [JP 92338630]
FILED: December 18, 1992 (19921218)

AUTOMATIC ANSWERING **TELEPHONE** SYSTEM

INTL CLASS: **H04M-003/50** ; **H04M-003/42** ; H04Q-003/58
...JAPIO CLASS: **Telephone**); 36.4 (LABOR SAVING DEVICES

ABSTRACT
PURPOSE: To automatically answer a **phone** and evading the economical
burden such as employing an operator or purchasing many automatic answering
 telephone sets by using an automatic answering **telephone** system...

...CONSTITUTION: When an incoming call comes to a **telephone** line 2, a
 detection section 3 **detects** a signal and notifies it to a control
section 4. The control section 4 directs...

... control section 4 sends messages stored in a memory 6 to the line,
inputs a **voice** which responds to the message into a word spotting section
8 to **recognize** a **callee** , and notifies it to the control section 4. The
control section refers to the memory 1 to collate the presence or absence
of the **callee** , performing the **corresponding** processing. Then, the
control section 4 reads out hooking time length data stored in the...

... then closes it again. Then, the control section reads out the extension
number of the **callee** from a memory 14, sends a dial signal to the
extension line. When the **callee** makes the **telephone** an off-hook state,
a holding outside line is transmitted to the **callee** .

 39/3,K/15 (Item 15 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

04489144   **Image available**
EXCHANGE SYSTEM

PUB. NO.:   06-133044 [JP 6133044 A]
PUBLISHED: May 13, 1994 (19940513)
INVENTOR(s):   MORITOMO HARUO
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   04-279861 [JP 92279861]
FILED: October 19, 1992 (19921019)
JOURNAL: Section: E, Section No. 1591, Vol. 18, No. 428, Pg. 50,
               August 10, 1994 (19940810)

INTL CLASS: **H04M-003/42**
...JAPIO CLASS: **Telephone**); 36.4 (LABOR SAVING DEVICES
...JAPIO KEYWORD: **Speech   Recognition** & Synthesis); R131 (INFORMATION
                PROCESSING

                              ABSTRACT
PURPOSE: To execute dial-input by means of **voice** and to improve service
for a **telephone** subscriber...
...CONSTITUTION: When   **telephone**   number   input   (**voice** dial input) by
voice is indicated by a prescribed **telephone** terminal 21, a service
control computer 26 requests the connection of the **telephone** terminal 21
and a **voice   recognition** device 25 to PBX 23. The **voice   recognition**
device 25 **recognizes   voice** inputted from the **telephone** terminal 21,
obtains the **telephone** number of a **callee** , which **corresponds** to a
recognized   voice pattern, from a **voice** pattern/ **telephone** number
storage part 24, and informs the service control computer 26 of it. When
the **telephone** number of a **callee   telephone** terminal 22 is inputted
from the **voice   recognition** device 25, the service control computer 26
requests the connection of the caller **telephone** terminal 21 and the
callee   telephone terminal 22 to PBX 23 and establishes the **speech**
path of the both terminals.

 39/3,K/16   (Item 16 from file: 347)
DIALOG(R)File 347:JAPIO
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03860557   **Image available**
CALL DISPLAYING SYSTEM FOR EXTENSION SUBSCRIBER

PUB. NO.:   04-225657 [JP 4225657 A]
PUBLISHED: August 14, 1992 (19920814)
INVENTOR(s):   HIRAGA TAKASHI
APPLICANT(s): NEC ENG LTD [329822] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   02-407519 [JP 90407519]
FILED: December 27, 1990 (19901227)
JOURNAL: Section: E, Section No. 1299, Vol. 16, No. 579, Pg. 23,
               December 18, 1992 (19921218)

INTL CLASS: **H04M-003/42**
...JAPIO CLASS: **Telephone**); 36.4 (LABOR SAVING DEVICES
...JAPIO KEYWORD: **Speech   Recognition** & Synthesis)

                              ABSTRACT
PURPOSE: To specify a **callee** user a caller desires even when one

extension subscriber is used by plural users by calling him by a **voice** or
character information **corresponding** to a dial number assigned to every
user...

...used by plural users, and they are given respectively the different dial
numbers. The number **corresponding** to one of the users of the extension
subscriber B13 is dialed from the extension...

... Central control unit 18 takes out the information of the extension
subscriber B13 of a **callee** extension and display information from a
callee information storage means 16 through an information taking out
means 17 board on the dial...

...display information for calling. An information display means 15 display
this display information by the **voice** or a character, and calls the
specified user.

39/3,K/17   (Item 17 from file: 347)
DIALOG(R)File 347:JAPIO
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03717360   **Image available**
AUTOMATIC **TELEPHONE** INCOMING RESPONSE SYSTEM

PUB. NO.:   04-082460 [JP 4082460 A]
PUBLISHED: March 16, 1992 (19920316)
INVENTOR(s):   YOSHIHARA KENZO
APPLICANT(s): NIPPON CONLUX CO LTD [457317] (A Japanese Company or
               Corporation), JP (Japan)
APPL. NO.:   02-196768 [JP 90196768]
FILED: July 25, 1990 (19900725)
JOURNAL: Section: E, Section No. 1228, Vol. 16, No. 303, Pg. 84, July
               03, 1992 (19920703)

AUTOMATIC **TELEPHONE** INCOMING RESPONSE SYSTEM

INTL CLASS: **H04M-003/42** ; H04Q-007/04
...JAPIO CLASS: **Telephone**); 36.4 (LABOR SAVING DEVICES

ABSTRACT
PURPOSE: To quickly call a **callee** and to dispense with another's hand by
performing the off-hook of a **telephone** set nearby by replying to a call
by a call means by the **callee** , and setting a **speech** state with a caller
...

... and also, sends a message to expedite the input of the identification
information of the **callee** to the caller. When the identification
information inputted from the caller is **detected** replaying to the
message, a broadcast communication command is sent to an exchange means 10,
and also, **detected** identification information is sent out to the exchange
means 10. The exchange means 10 replies to the **detection** of the
identification information, and transmission adaptor means A1-Am call a
correspondent pager 30 by radio, and the **callee** replies to the call,
and performs the off-hook of the **telephone** set nearby, thereby, the
speech state with the caller can be set. In such a way, no another's hand
...

39/3,K/18   (Item 18 from file: 347)

03508958   **Image available**
METHOD FOR CALLING **CALLEE** AT **TELEPHONE** TERMINAL

PUB. NO.:   03-171858 [JP 3171858 A]
PUBLISHED: July 25, 1991 (19910725)
INVENTOR(s):   MINEGISHI KATSUMI
APPLICANT(s): HITACHI COMMUN SYST INC [491082] (A Japanese Company or
               Corporation), JP (Japan)
APPL. NO.:   01-307773 [JP 89307773]
FILED: November 29, 1989 (19891129)
JOURNAL: Section: E, Section No. 1124, Vol. 15, No. 412, Pg. 159,
               October 21, 1991 (19911021)

METHOD FOR CALLING **CALLEE** AT **TELEPHONE** TERMINAL

INTL CLASS: **H04M-003/42** ; **H04M-003/06**
...JAPIO CLASS: **Telephone**); 36.4 (LABOR SAVING DEVICES
...JAPIO KEYWORD: **Speech   Recognition** & Synthesis); R131 (INFORMATION
               PROCESSING

                    ABSTRACT
... To dispense with intermediation by a third party by receiving a signal
to specify a **callee** transmitted from an outgoing **telephone** terminal,
and vocalizing a message to call the **callee** registered in advance...

... response is issued, and a response message registered in advance is
transmitted to the outgoing **telephone** terminal via the private branch
exchange 16. The signal to specify the **callee** transmitted from the
outgoing **telephone** terminal is received, and the message to call the
callee   registered in advance is vocalized. Therefore, a synthetic **voice**
to specify the **callee** can be generated **corresponding** to the
designation of a caller. In such a way, no intermediation work can be...

 39/3,K/19   **(Item 19 from file: 347)**

03291236   **Image available**
DEPUTY RESPONSE SYSTEM FOR INCOMING CALL

PUB. NO.:   02-266736 [JP 2266736 A]
PUBLISHED: October 31, 1990 (19901031)
INVENTOR(s):   MATSUDA SHINJI
               AKITA KUNIHIKO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
               (Japan)
               NEC ENG LTD [329822] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   01-086959 [JP 8986959]
FILED: April 07, 1989 (19890407)
JOURNAL: Section: E, Section No. 1023, Vol. 15, No. 18, Pg. 121,
               January 16, 1991 (19910116)

INTL CLASS: **H04M-001/64**
...JAPIO CLASS: **Telephone**)

ABSTRACT
... a registration number by dialing a second dial number by a caller, and
calling the **callee** of a group **telephone** with a monitoring speaker...

...CONSTITUTION: When the registration number of the **callee** is received
from a caller side with the second dial number, a registration comparison
means 7 reads out the registration information of the **callee**
corresponding to the registration number from the table of a registration
data memory 8 based on the registration number **recognized**0 by a second
dial **recognizing** means 6. A **callee** side guiding means 9 reads out
voice data from a registrator **voice** memory 10 based on the registration
information, and it is converted to a **voice** signal by a **voice** synthesis
means 14, and is sent to the monitoring speaker 4, and calling **voice** to
the **callee** is generated from the speaker 4. In such a manner, it is
possible to eliminate...

...intermediation of the agent of the group responding to the incoming call
of a group **telephone** set.

39/3,K/20   **(Item 20 from file: 347)**
DIALOG(R)File 347:JAPIO
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02948055   **Image available**
MANAGEMENT SYSTEM FOR DESTINATION OF EXTENSION SUBSCRIBER

ABSTRACT
PURPOSE: To eliminate a trouble of substituting response of a parson around
an extension **telephone** set and the transmission of destination
information by answering automatically to an incoming call to...
...extension where the subscriber is absent and displaying audibly or
visually the destination of the **callee** for the caller in the case the
extension subscriber goes out after registering the destination...

...CONSTITUTION: When a call comes in from a multi-functional **telephone**
set MFT 11 or an external trunk 31, a call **detection** part 52 **detects**
the call, then receives a dial information. A dial information reader part
53 reads the extension number of the **callee** from this dial information,
collates the content in a **corresponding** address in an extension
subscriber destination memory circuit 62, and decides the destination of
the **callee** subscriber is registered. However, if the call is from an MFT
at an extension instead of from an external line, the destination
information is transmitted through an ordinary **telephone** set TEL 12 from
a terminal control part 51 to the MFT 11, so that...

... of the MFT 11. Thereafter, under the control of a connection control

part 54, a **voice** massage transmission circuit 30 and the MFT 11 are connected with each other, and a **voice** message is transmitted to the caller side. As a result, a trouble of substituting response of a person and the transmission of destination information of the **callee** can be eliminated.

 39/3,K/21   (Item 21 from file: 347)
DIALOG(R)File 347:JAPIO
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02619553   **Image available**
 VOICE DIALING DEVICE

PUB. NO.:   63-236453 [JP 63236453 A]
PUBLISHED: October 03, 1988 (19881003)
INVENTOR(s): ARIYOSHI TAKASHI
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
              (Japan)
APPL. NO.:   62-070852 [JP 8770852]
FILED: March 25, 1987 (19870325)
JOURNAL: Section: E, Section No. 709, Vol. 13, No. 38, Pg. 117,
              January 27, 1989 (19890127)

 VOICE DIALING DEVICE

INTL CLASS: **H04M-001/274** ; G10L-003/00
...JAPIO CLASS: **Telephone**); 42.5 (ELECTRONICS
...JAPIO KEYWORD: **Speech   Recognition** & Synthesis)

                         ABSTRACT
PURPOSE: To improve a **recognition** rate and to increase retrieval speed, by providing a feature extraction part, an area code storage part and a pattern **recognition** part, etc,, classifying recording contents without putting load on a user, and narrowing the candidate of **recognition** or retrieval down...

... advance, and also, the dial number desired to be communicated and the name of a **callee** are registered by the user. And the feature quantity of a **voice** inputted from a handset 1 is extracted at the feature extraction part 2, and at the pattern **recognition** part 3, pattern **recognition** and the **recognition** of correctness are performed for the reference pattern of the unspecified talker of the name of the area code and that of the name of the **callee** . As a result, when a **recognized** result obtaining the indication of the correctness is the name of the code area, the pattern **recognition** is performed again out of the reference patterns of the name of the **callee** **corresponding** to the dial number including the code area, and when the **recognized** result is correct, the dial number is issued, In such a way, it is possible to improve the **recognition** rate and to increase the retrieval speed.

 39/3,K/22   (Item 22 from file: 347)
DIALOG(R)File 347:JAPIO
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02487650   **Image available**
 TELEPHONE SET

PUB. NO.:   63-104550 [JP 63104550 A]

TELEPHONE SET

INTL CLASS: **H04M-001/00**
...JAPIO CLASS: **Telephone**)

ABSTRACT
PURPOSE: To make a **callee** side know a person whom a caller wants to call
before calling by providing a means for **recognizing** the OPposite person
the caller wants to call before generating a ringing tone...

...CONSTITUTION: A titled **telephone** set provides a **speech** network 8 for
converting two-wire-four-wire, a **telephone** receiver 9, a **voice**
recording and reproducing control circuit 10, a storage element 11 for
storing a digitized **voice** signal and a parallel I/O 12 for deciding the
existence of a call signal, controlling the **voice** recording and
reproducing control circuit 10 and **detecting** a DTMF, etc. Various kinds
of faulse bEll sounds **corresponding** to the **detected** DTMF are generated
in a faulse bell sound generation circuit 19 and made to pass...

... is decided according to the difference of timbre of the faulse bell
sound. Thus the **callee** side is released from a job of answering a bell
instead of the **callee** and the caller side can make it needless to ask to
call the **callee** since the person whom the caller wants to speak answers a
telephone .

 39/3,K/23   **(Item 23 from file: 347)**
DIALOG(R)File 347:JAPIO
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02461749   **Image available**
MALICIOUS CALL INFORMING SYSTEM

INTL CLASS: **H04M-003/42**
...JAPIO CLASS: **Telephone**); 36.4 (LABOR SAVING DEVICES

ABSTRACT
... and to improve the quality of a service offered to a subscriber, by
calling a **callee** subscriber automatically from an exchange side after
completing a call, and informing the number of...
... caller subscriber, when a request to inform the number of the caller

subscriber from the **callee** subscriber is issued in calling...

...CONSTITUTION: when the **callee** subscriber desires to know the number of the caller subscriber because the caller subscriber is a malicious subscriber who places a threatening call, the **callee** subscriber performs hooking. A call trunk **detects** thc hooking, and transfers it to a central processor CP. The CP memorizes instruction informing a malicious call in the **corresponding** trunk number area of a detail charging information memory area in a main memory MM...

... it is confirmed whether the instruction informing the malicious call is memorized in a memory **corresponding** to the trunk number in the detail charging information memory area, and when it is memorized, the trunk number, the number of the caller subscriber, and that of the **callee** subscriber are picked up, and are transferred to a malicious call searching information memory area, and the **callee** subscriber is called automatically based on the instruction of the malicious call searching information memory, and the number of the caller is informed in **voice** .
?